

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092520\
 Data File : VX018609.D
 Acq On : 25 Sep 2020 20:24
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC020EC

Manual Integrations
 APPROVED

MMDadoda
 9/28/2020 12:51:42 PM

Quant Time: Sep 28 03:44:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X090420W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 04 12:13:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.99	128	80194	30.00	ug/l	0.01
28) 1,4-Difluorobenzene	6.84	114	391556	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	382871	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.04	65	193028	30.51	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.70%
60) 4-Bromofluorobenzene	11.12	95	191728	28.89	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	96.30%
63) Toluene-d8	8.70	98	487991	28.92	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	96.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	76068	17.926	ug/l 98
3) Chloromethane	1.31	50	80551	17.870	ug/l 93
4) Vinyl Chloride	1.39	62	89694	18.898	ug/l 99
5) Bromomethane	1.64	94	60354	18.690	ug/l 99
6) Chloroethane	1.72	64	57858	20.056	ug/l 97
7) Trichlorofluoromethane	1.92	101	150734	18.740	ug/l 96
8) Diethyl Ether	2.17	74	52740	20.798	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	75795	18.443	ug/l 98
10) 1,1-Dichloroethene	2.36	96	74246	18.405	ug/l 92
11) Methyl Iodide	2.50	142	86409	21.699	ug/l 99
12) Methyl Acetate	2.75	43	116271	21.896	ug/l 97
13) Acrolein	2.28	56	22625	52.793	ug/l 99
14) Acrylonitrile	3.12	53	243288	101.110	ug/l 97
15) Acetone	2.43	58	61221	93.581	ug/l 89
16) Carbon Disulfide	2.56	76	218415	18.594	ug/l 99
17) Allyl chloride	2.71	41	140765	19.522	ug/l 96
18) Methylene Chloride	2.84	84	91740	19.376	ug/l 93
19) trans-1,2-Dichloroethene	3.14	96	86802	19.380	ug/l 97
20) Diisopropyl ether	3.82	45	292263	20.475	ug/l 90
21) 1,1-Dichloroethane	3.67	63	163244	19.924	ug/l 99
22) cis-1,2-Dichloroethene	4.57	96	96891	19.552	ug/l 94
23) tert-Butyl Alcohol	3.04	59	91307	87.568	ug/l # 99
24) Methyl tert-Butyl Ether	3.17	73	293808	20.486	ug/l 100
25) Chloroform	5.18	83	174353	19.939	ug/l 97
26) Cyclohexane	5.56	56	119667	18.095	ug/l # 49
29) 1,1-Dichloropropene	5.78	75	117487	19.657	ug/l 98
30) 2-Butanone	4.64	43	332233	101.518	ug/l 99
31) 2,2-Dichloropropane	4.56	77	136044	18.844	ug/l 100
32) 1,1,1-Trichloroethane	5.47	97	160491	20.514	ug/l 100
33) Carbon Tetrachloride	5.75	117	143596	19.698	ug/l 98
34) Benzene	6.12	78	347817	20.386	ug/l 97
35) Methacrylonitrile	5.01	41	71818	20.823	ug/l 92
36) 1,2-Dichloroethane	6.17	62	153573	21.749	ug/l # 100
37) Trichloroethene	7.19	130	98096	19.883	ug/l 96
38) Methylcyclohexane	7.44	83	119838	18.823	ug/l 98
39) 1,2-Dichloropropane	7.49	63	95217	20.837	ug/l 96
40) Dibromomethane	7.64	93	70481	21.359	ug/l 98

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 9/28/2020 12:51:42 PM

Quant Time: Sep 28 03:44:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X090420W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 04 12:13:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.87	83	143679	21.008	ug/l	93
42) Vinyl Acetate	3.79	43	1305111	106.889	ug/l	100
43) Ethyl Acetate	4.79	43	138404	21.268	ug/l	100
44) Isopropyl Acetate	6.41	43	220312	21.007	ug/l	98
45) 1,4-Dioxane	7.74	88	25258	288.286	ug/l #	90
46) Methyl methacrylate	7.75	41	109154	21.148	ug/l	98
47) n-amyl Acetate	10.88	43	185518	20.131	ug/l	99
48) t-1,3-Dichloropropene	9.02	75	156287	21.273	ug/l	96
49) cis-1,3-Dichloropropene	8.42	75	161182	20.885	ug/l	94
50) 1,1,2-Trichloroethane	9.20	97	98515	21.425	ug/l	96
51) Ethyl methacrylate	9.16	69	139806	20.989	ug/l	98
52) 1,3-Dichloropropane	9.35	76	159434	20.890	ug/l	98
53) Dibromochloromethane	9.57	129	118110	20.658	ug/l	100
54) 1,2-Dibromoethane	9.65	107	107929	21.396	ug/l	95
55) 2-Chloroethyl vinyl ether	8.29	63	379546	109.116	ug/l	99
56) Bromoform	10.84	173	88556	20.386	ug/l	98
58) 4-Methyl-2-Pentanone	8.62	43	683562	103.801	ug/l	99
59) 2-Hexanone	9.48	43	514884	103.225	ug/l	99
61) Tetrachloroethene	9.32	164	87877	18.403	ug/l	95
62) Toluene	8.77	91	383438	19.900	ug/l	98
64) Chlorobenzene	10.12	112	246679	19.922	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.20	131	101184	20.177	ug/l	97
66) Ethyl Benzene	10.24	91	410754	19.292	ug/l	99
67) m/p-Xylenes	10.34	106	320851	39.406	ug/l	99
68) o-Xylene	10.68	106	153309	19.927	ug/l	99
69) Styrene	10.70	104	268791	20.025	ug/l	98
70) Isopropylbenzene	11.00	105	410725	19.197	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.25	83	146524	20.957	ug/l	98
72) 1,2,3-Trichloropropane	11.28	75	134441m	20.014	ug/l	
73) Bromobenzene	11.24	156	109764	18.727	ug/l	96
74) n-propylbenzene	11.34	91	475152	18.861	ug/l	99
75) 2-Chlorotoluene	11.40	91	286623	18.772	ug/l	100
76) 1,3,5-Trimethylbenzene	11.49	105	349752	18.765	ug/l	99
77) t-1,4-Dichloro-2-butene	11.06	75	46951	17.986	ug/l	93
78) 4-Chlorotoluene	11.49	91	345827	18.987	ug/l	99
79) tert-butylbenzene	11.76	119	342854	19.095	ug/l	97
80) 1,2,4-Trimethylbenzene	11.79	105	352648	19.130	ug/l	97
81) sec-Butylbenzene	11.93	105	396481	18.905	ug/l	100
82) p-Isopropyltoluene	12.05	119	371651	19.006	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	200243	19.107	ug/l	98
84) 1,4-Dichlorobenzene	12.09	146	198433	18.937	ug/l	96
85) n-Butylbenzene	12.37	91	319089	18.535	ug/l	99
86) Hexachloroethane	12.58	117	67548	17.545	ug/l	98
87) 1,2-Dichlorobenzene	12.38	146	201431	20.526	ug/l	97
88) 1,2-Dibromo-3-Chloropropan	12.98	75	35234	19.699	ug/l	98
89) 1,2,4-Trichlorobenzene	13.63	180	135222	20.367	ug/l	99
90) Hexachlorobutadiene	13.77	225	54507	19.409	ug/l	89
91) Naphthalene	13.82	128	425022	20.512	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	135801	20.676	ug/l	97

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ClientSampleId :
VSTDCCC020EC

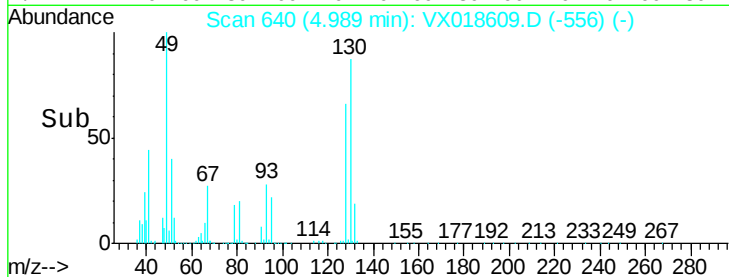
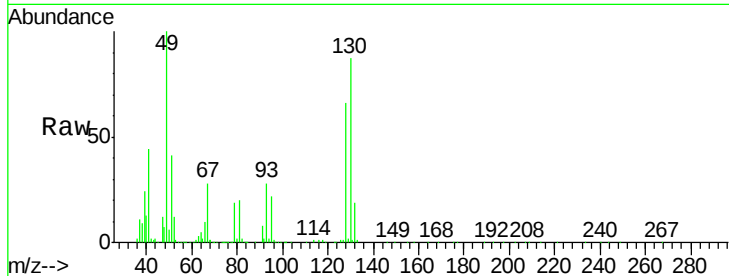
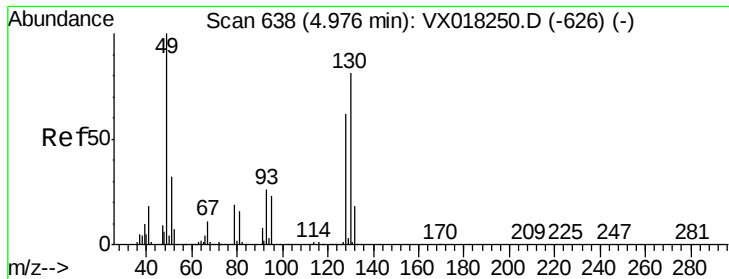
Manual Integrations
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9/28/2020 12:51:42 PM

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QLast Update : Fri Sep 04 12:13:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.99 min Scan# 640

Delta R.T. 0.01 min

Lab File: VX018609.D

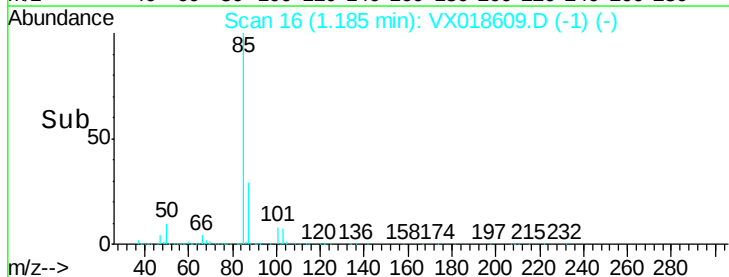
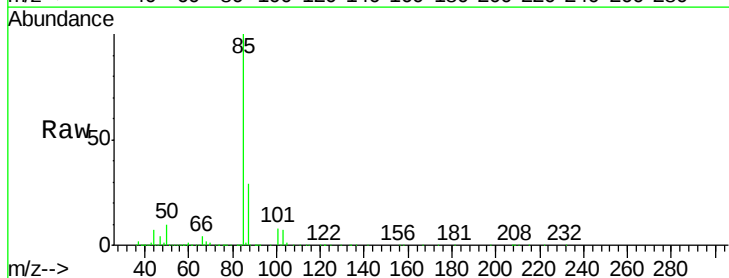
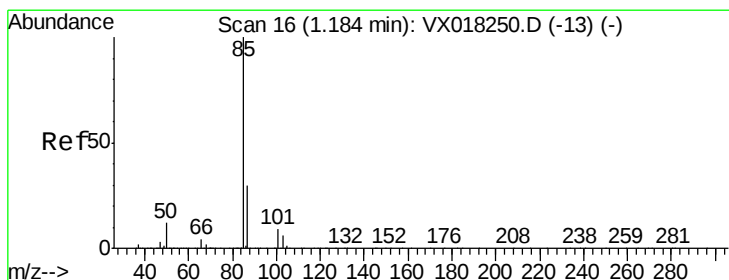
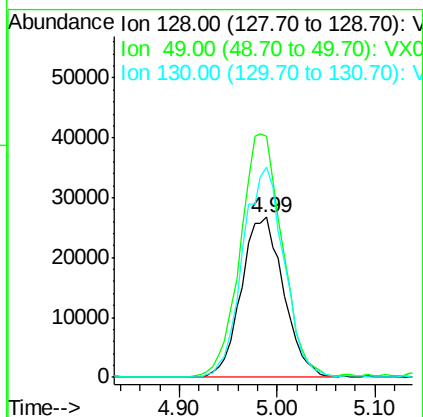
Acq: 25 Sep 2020 20:24

Tot Ion:	128	Resp:	80194
Ion	Ratio	Lower	Upper
128	100		
49	152.0	0.0	392.0
130	128.5	0.0	320.2

Instrument :
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#2

Dichlorodifluoromethane

Concen: 17.926 ug/l

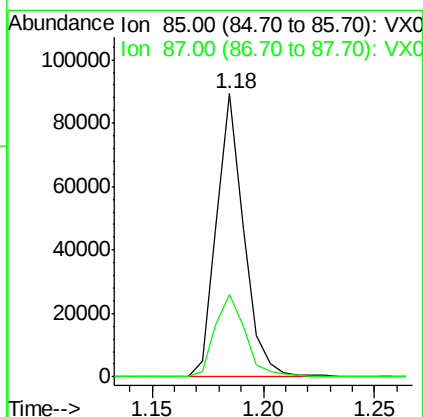
RT: 1.18 min Scan# 16

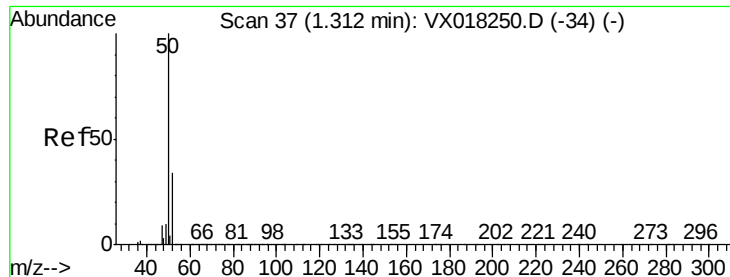
Delta R.T. 0.00 min

Lab File: VX018609.D

Acq: 25 Sep 2020 20:24

Tgt Ion:	85	Resp:	76068
Ion	Ratio	Lower	Upper
85	100		
87	29.2	15.1	45.3





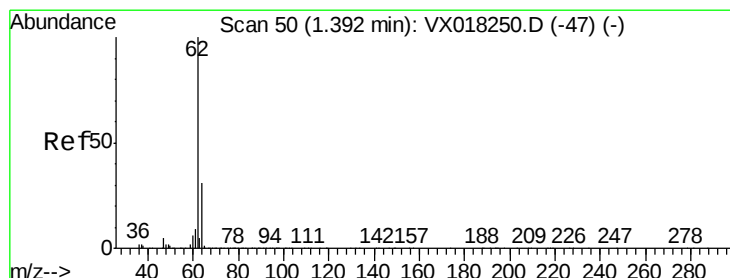
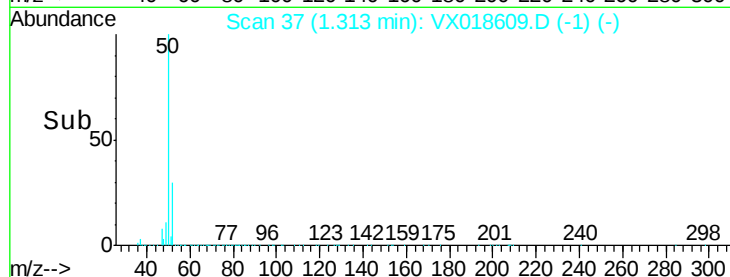
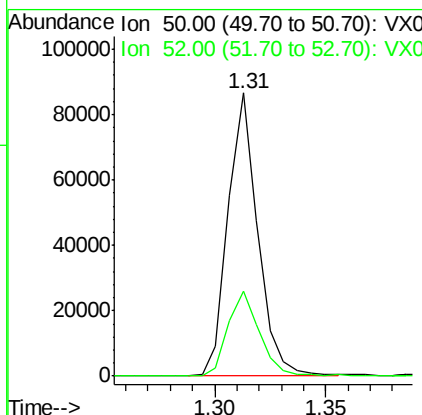
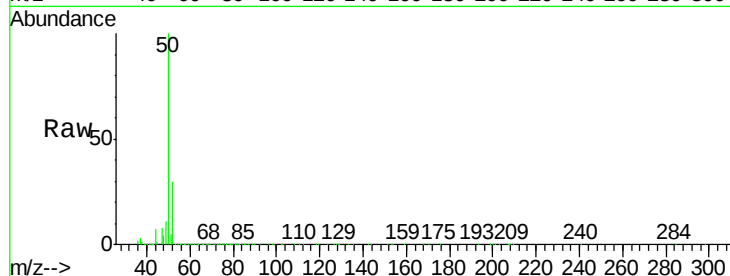
#3
Chloromethane
Concen: 17.870 ug/l
RT: 1.31 min Scan# 37
Delta R.T. 0.00 min
Lab File: VX018609.D
Acq: 25 Sep 2020 20:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
50	100		
52	29.9	27.1	40.7

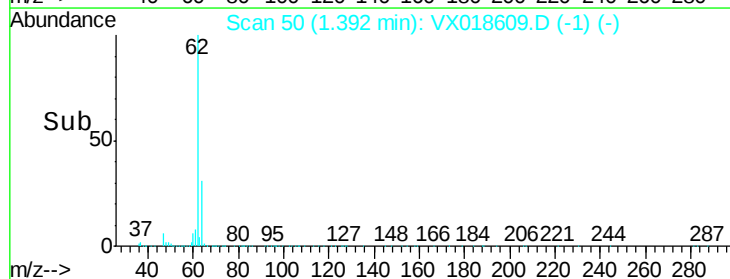
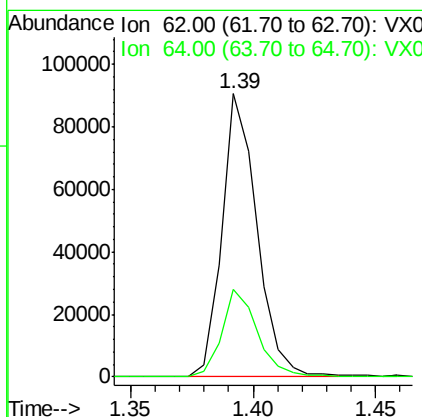
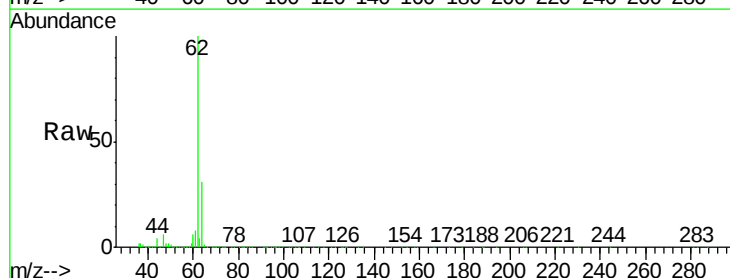
Manual Integrations
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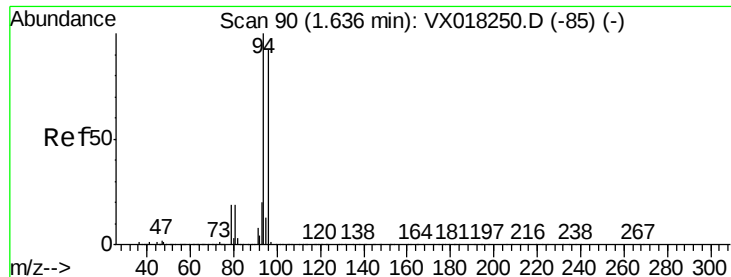
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#4
Vinyl Chloride
Concen: 18.898 ug/l
RT: 1.39 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX018609.D
Acq: 25 Sep 2020 20:24

Tgt Ion	Ratio	Lower	Upper
62	100		
64	31.1	25.2	37.8





#5

Bromomethane

Concen: 18.690 ug/l

RT: 1.64 min Scan# 91

Delta R.T. 0.01 min

Lab File: VX018609.D

Acq: 25 Sep 2020 20:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 94 Resp: 60354

Ion Ratio Lower Upper

94 100

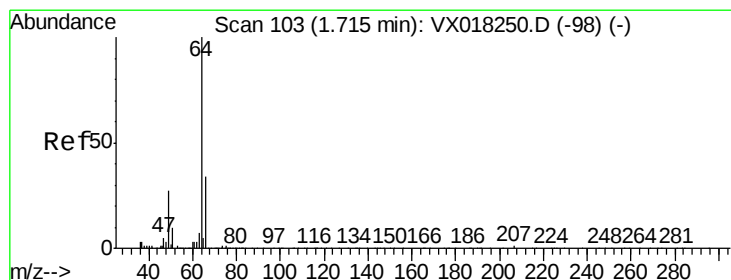
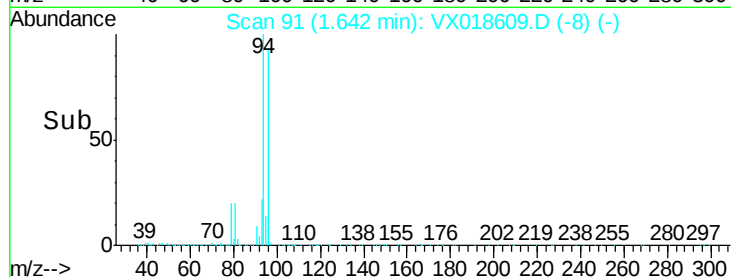
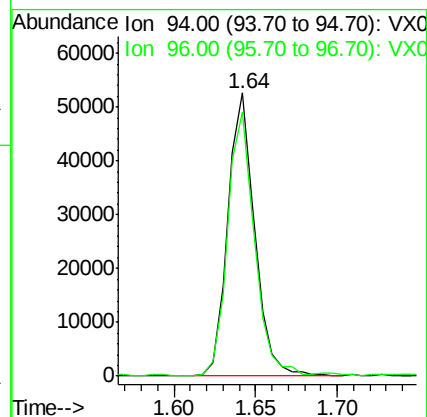
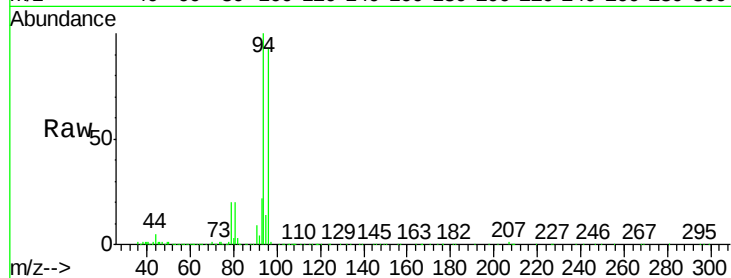
96 93.4 73.9 110.9

Manual Integrations

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#6

Chloroethane

Concen: 20.056 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX018609.D

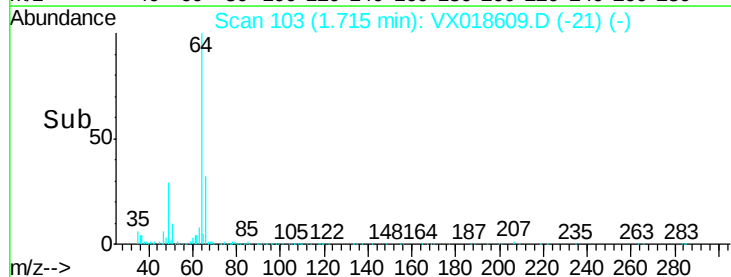
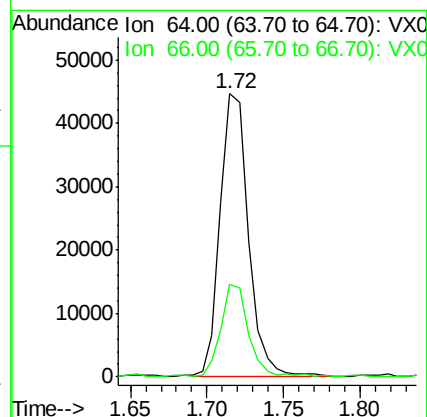
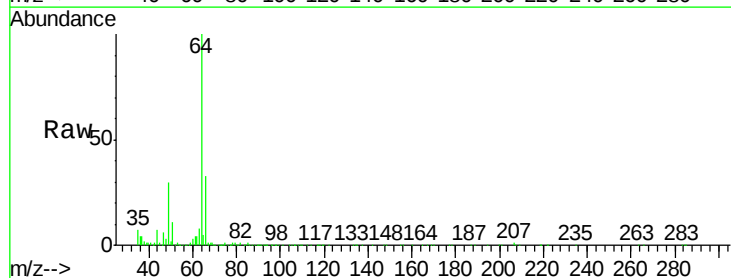
Acq: 25 Sep 2020 20:24

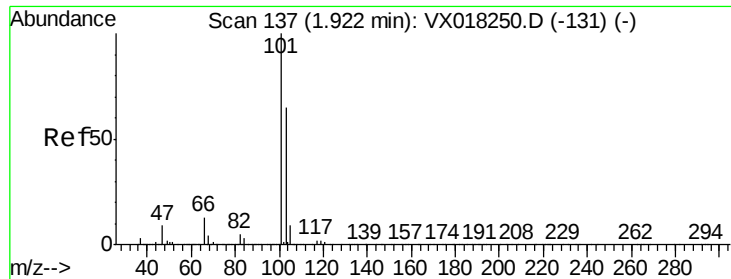
Tgt Ion: 64 Resp: 57858

Ion Ratio Lower Upper

64 100

66 32.3 27.0 40.4





#7

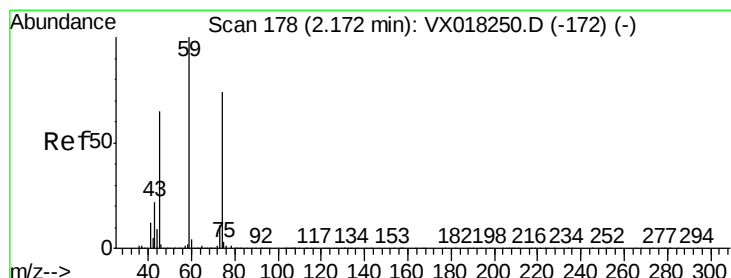
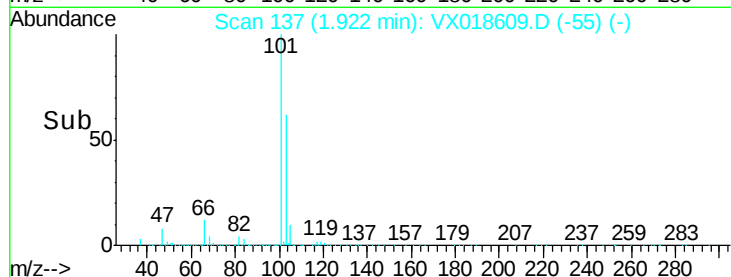
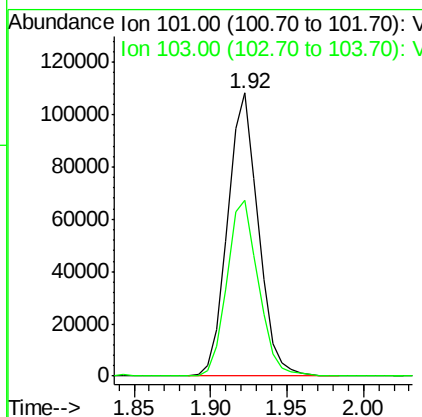
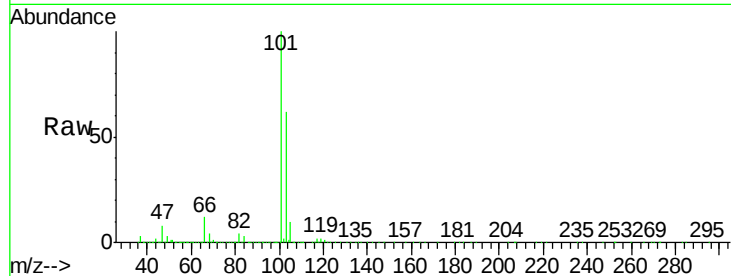
Trichlorofluoromethane
Concen: 18.740 ug/l
RT: 1.92 min Scan# 137
Delta R.T. 0.00 min
Lab File: VX018609.D
Acq: 25 Sep 2020 20:24

Instrument :
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ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.3	52.3	78.5

Manual Integrations
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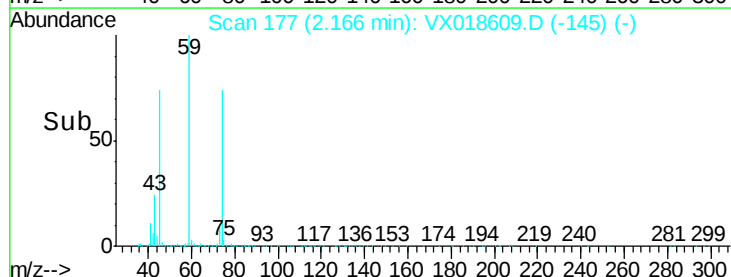
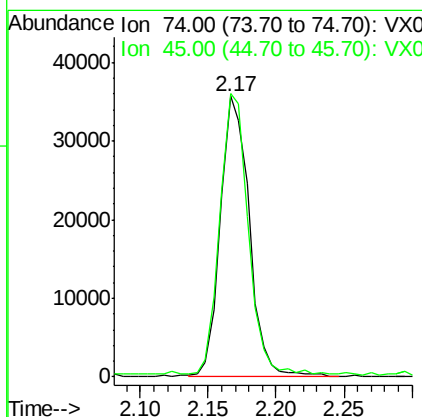
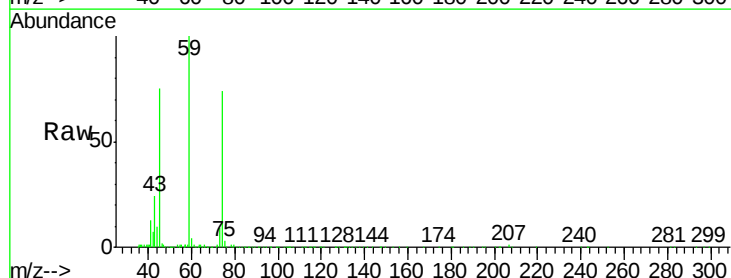
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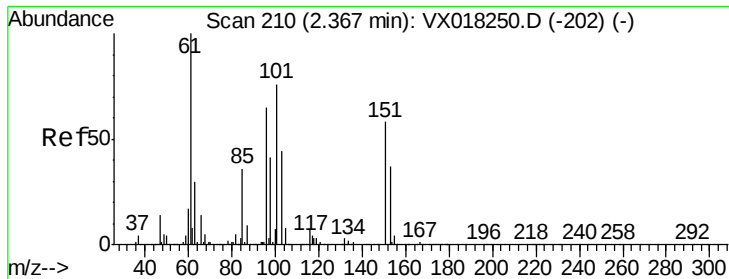


#8

Diethyl Ether
Concen: 20.798 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018609.D
Acq: 25 Sep 2020 20:24

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.8	20.5	184.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.443 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018609.D

Acq: 25 Sep 2020 20:24

Instrument :

MSVOA_X

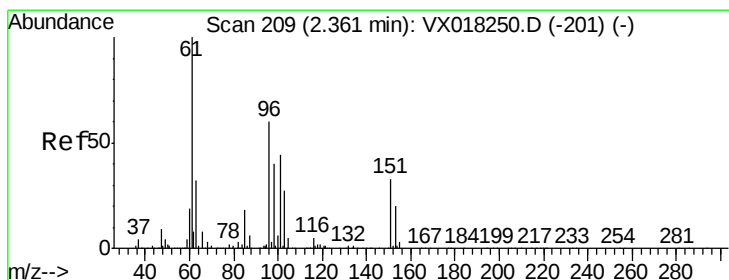
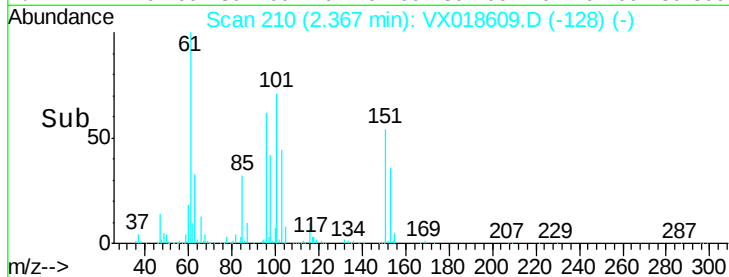
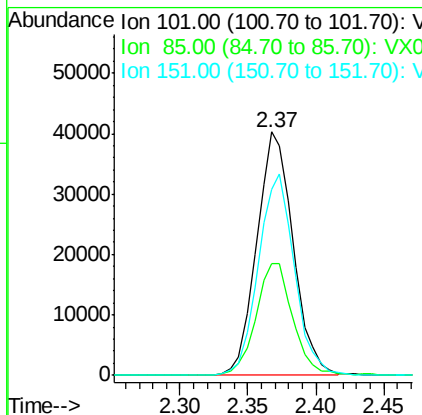
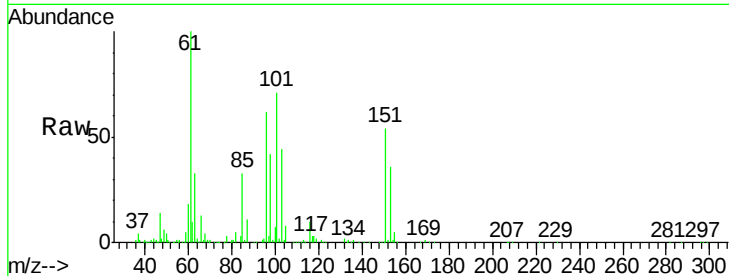
ClientSampleId :

VSTDCCC020EC

Tot Ion:	101	Resp:	75795
Ion Ratio	Lower	Upper	
101	100		
85	46.5	0.0	87.8
151	81.8	0.0	161.4

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#10

1,1-Dichloroethene

Concen: 18.405 ug/l

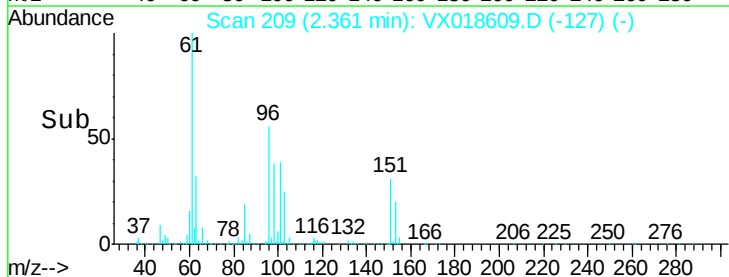
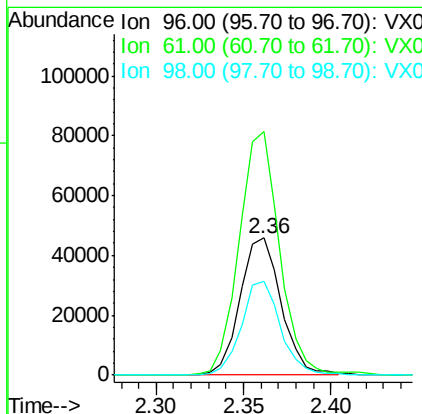
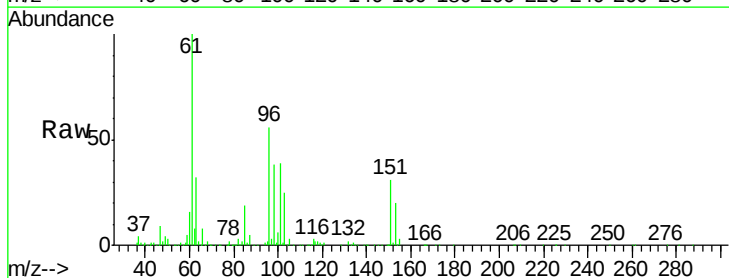
RT: 2.36 min Scan# 209

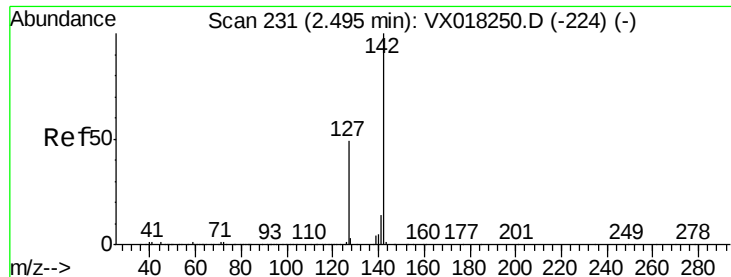
Delta R.T. 0.00 min

Lab File: VX018609.D

Acq: 25 Sep 2020 20:24

Tgt Ion:	96	Resp:	74246
Ion Ratio	Lower	Upper	
96	100		
61	178.3	132.5	198.7
98	68.5	52.4	78.6





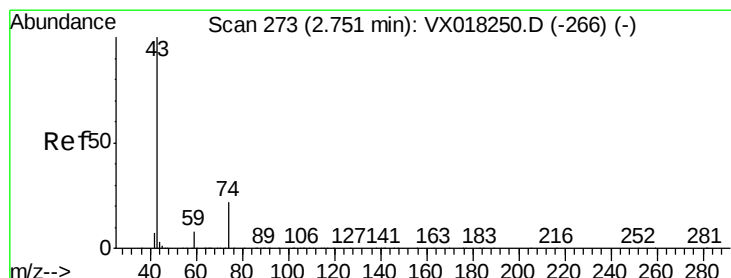
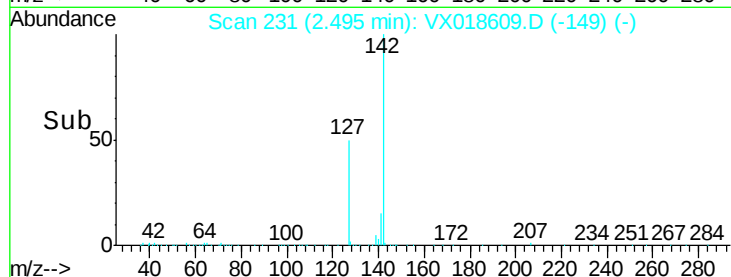
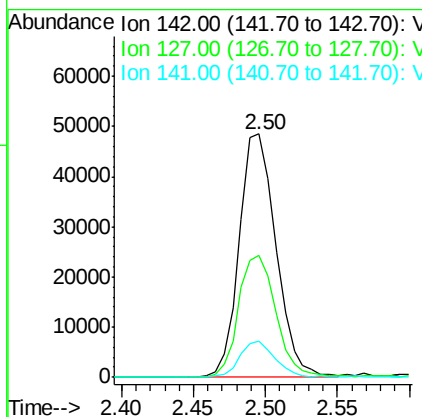
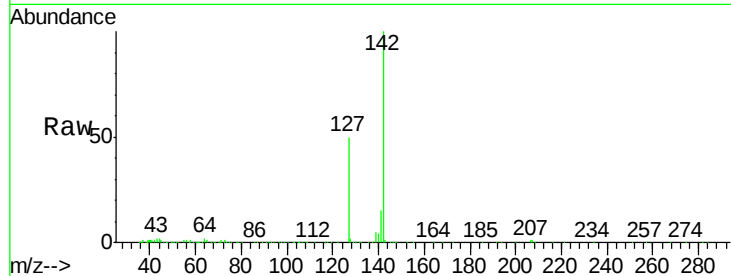
#11
Methvl Iodide
Concen: 21.699 ug/l
RT: 2.50 min Scan# 231
Delta R.T. 0.00 min
Lab File: VX018609.D
Acq: 25 Sep 2020 20:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
142	100		
127	50.2	24.6	74.0
141	14.8	7.0	21.0

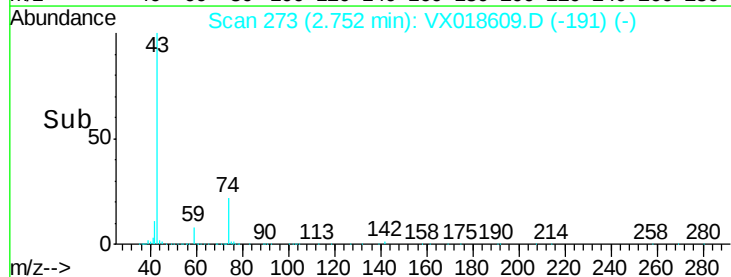
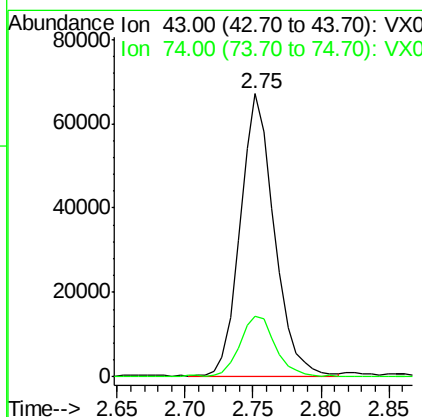
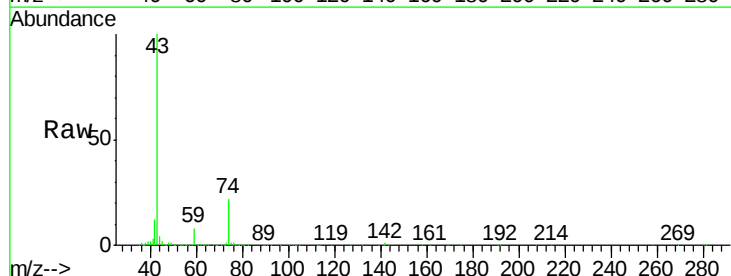
Manual Integrations
APPROVED

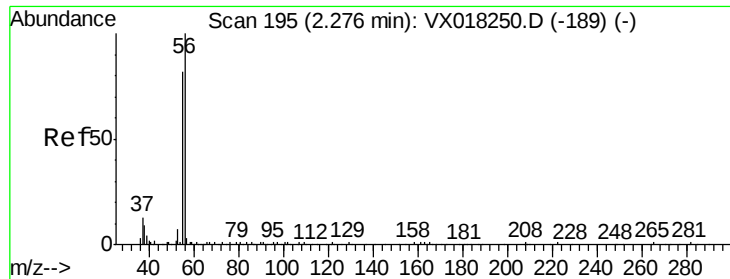
MMDadoda
9/28/2020 12:51:42 PM



#12
Methyl Acetate
Concen: 21.896 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX018609.D
Acq: 25 Sep 2020 20:24

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.2	18.0	27.0





#13

Acrolein

Concen: 52.793 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.00 min

Lab File: VX018609.D

Acq: 25 Sep 2020 20:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 56 Resp: 22625

Ion Ratio Lower Upper

56 100

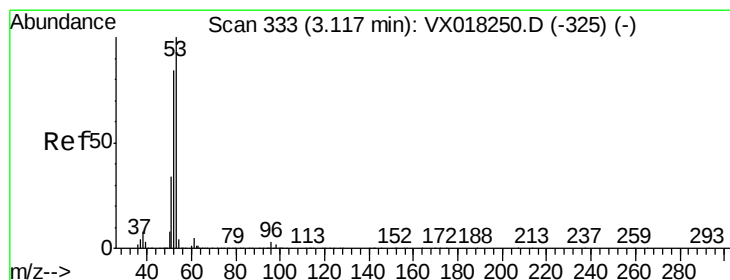
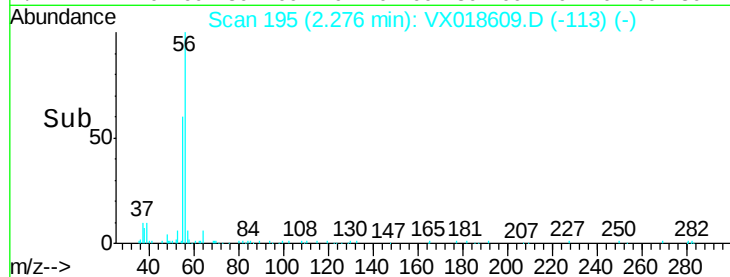
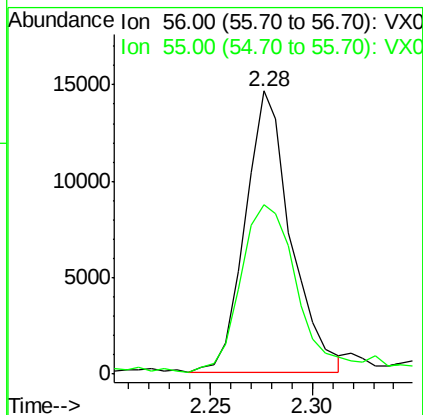
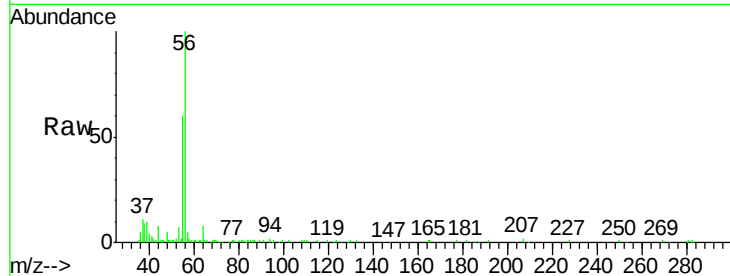
55 74.0 59.7 89.5

Manual Integrations

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#14

Acrylonitrile

Concen: 101.110 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX018609.D

Acq: 25 Sep 2020 20:24

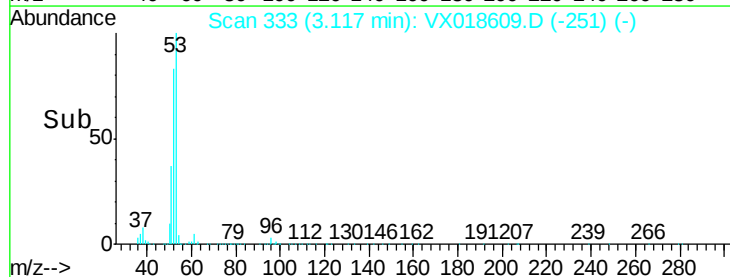
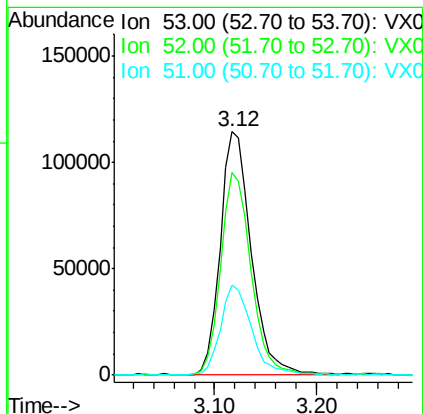
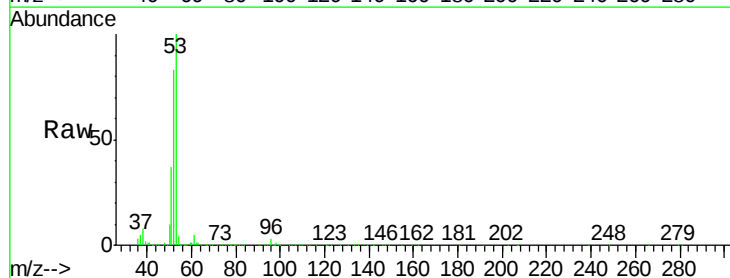
Tgt Ion: 53 Resp: 243288

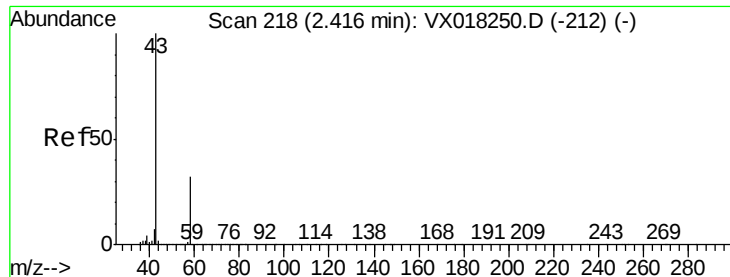
Ion Ratio Lower Upper

53 100

52 80.3 41.9 125.7

51 36.8 18.3 54.8





#15

Acetone

Concen: 93.581 ug/l

RT: 2.43 min Scan# 220

Delta R.T. 0.01 min

Lab File: VX018609.D

Acq: 25 Sep 2020 20:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 58 Resp: 61221

Ion Ratio Lower Upper

58 100

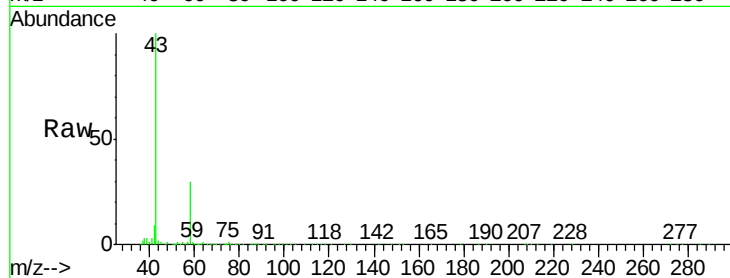
43 332.5 248.2 372.2

Manual Integrations

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Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

120000

100000

80000

60000

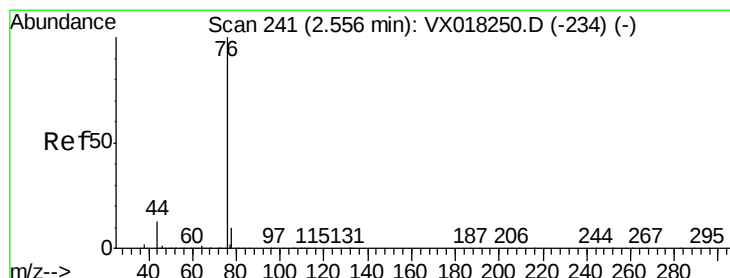
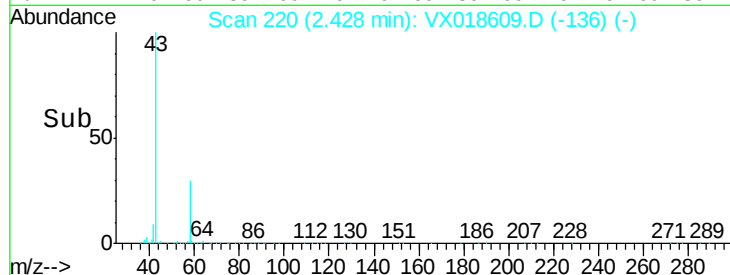
40000

20000

0

2.43

Time-->



#16

Carbon Disulfide

Concen: 18.594 ug/l

RT: 2.56 min Scan# 241

Delta R.T. 0.00 min

Lab File: VX018609.D

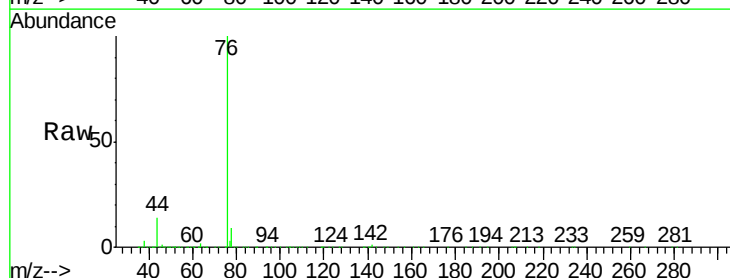
Acq: 25 Sep 2020 20:24

Tgt Ion: 76 Resp: 218415

Ion Ratio Lower Upper

76 100

78 9.3 7.8 11.6



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

150000

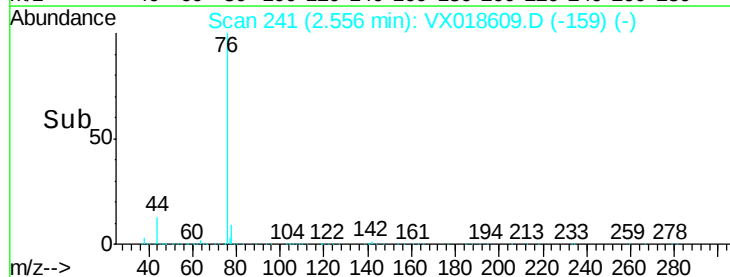
100000

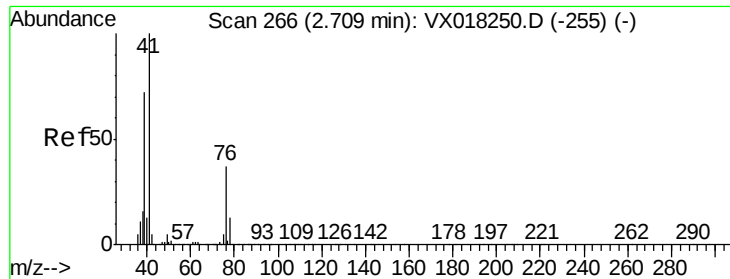
50000

0

2.56

Time-->





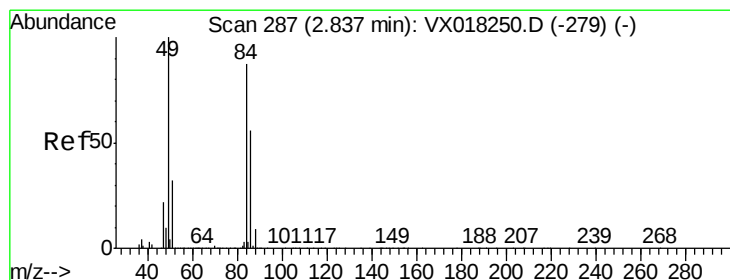
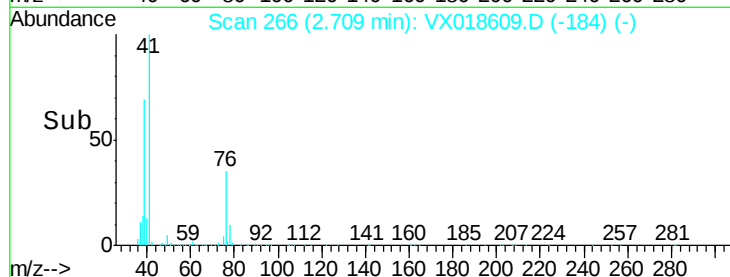
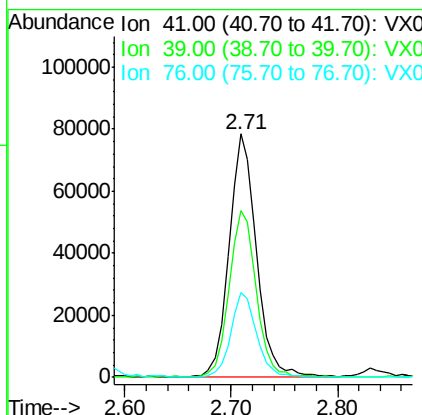
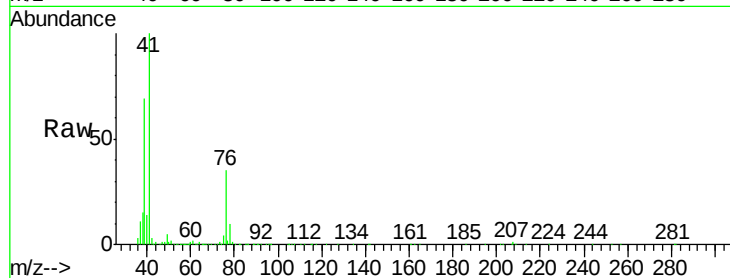
#17
Allvl chloride
Concen: 19.522 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX018609.D
Acq: 25 Sep 2020 20:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:	41	Resp:	140765
Ion	Ratio	Lower	Upper
41	100		
39	68.6	36.0	108.1
76	34.5	18.6	55.6

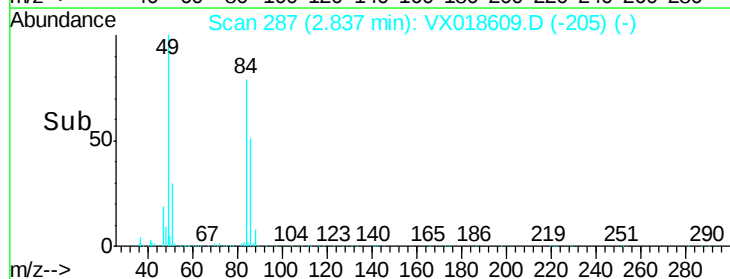
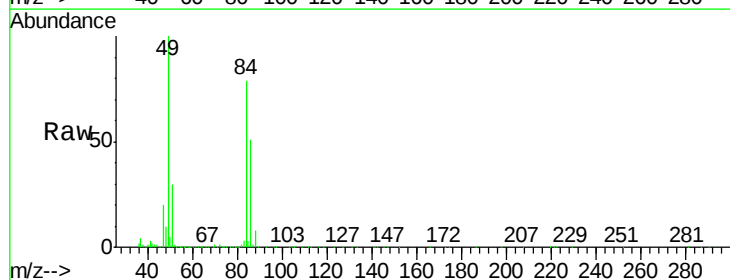
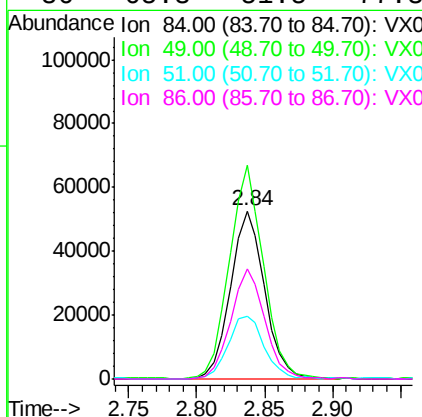
Manual Integrations
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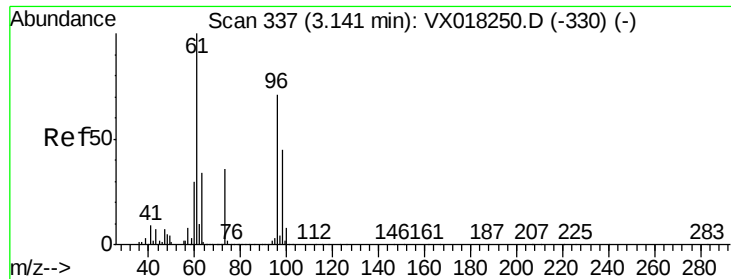
MMDadoda
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#18
Methylene Chloride
Concen: 19.376 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX018609.D
Acq: 25 Sep 2020 20:24

Tgt Ion:	84	Resp:	91740
Ion	Ratio	Lower	Upper
84	100		
49	126.8	91.6	137.4
51	37.5	29.4	44.0
86	65.3	51.5	77.3





#19

trans-1,2-Dichloroethene

Concen: 19.380 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX018609.D

Acq: 25 Sep 2020 20:24

Instrument :

MSVOA_X

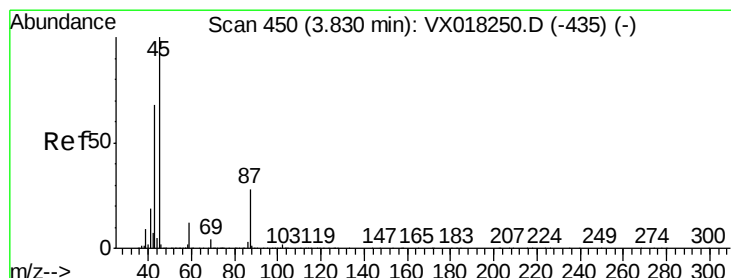
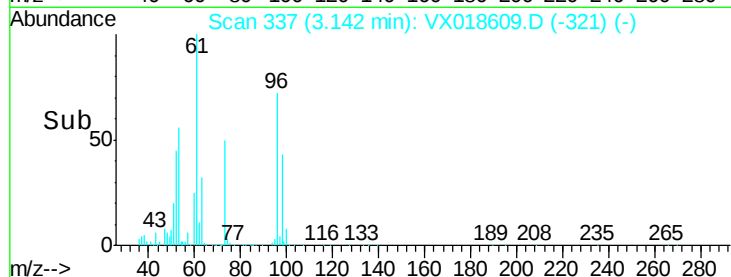
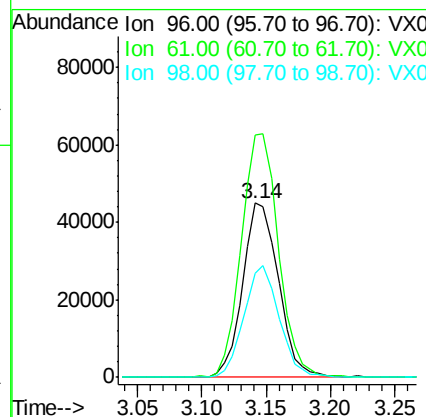
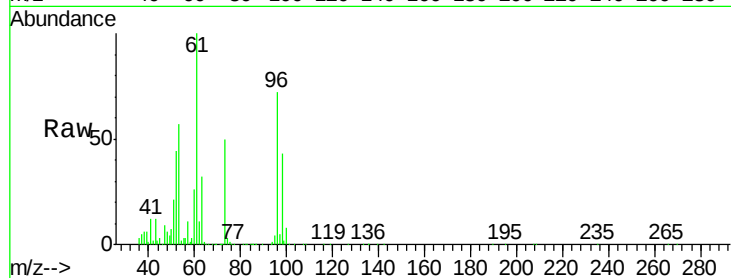
ClientSampleId :

VSTDCCC020EC

Tot Ion:	96	Resp:	86802
Ion	Ratio	Lower	Upper
96	100		
61	138.7	112.8	169.2
98	59.9	51.0	76.4

Manual Integrations
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#20

Diisopropyl ether

Concen: 20.475 ug/l

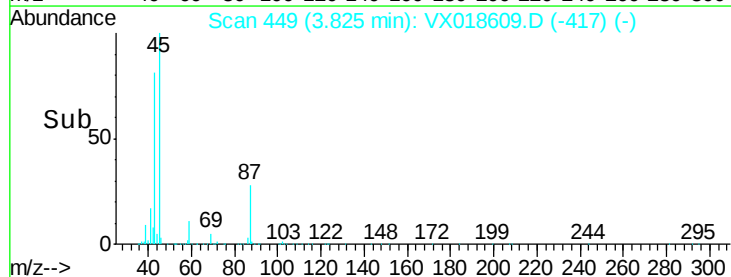
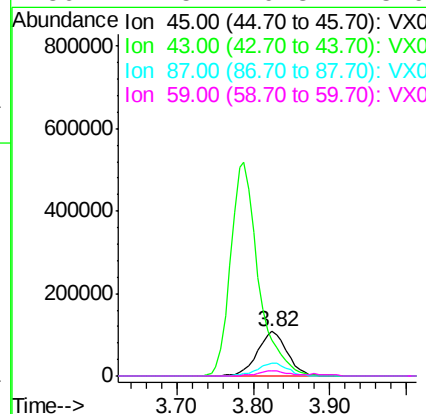
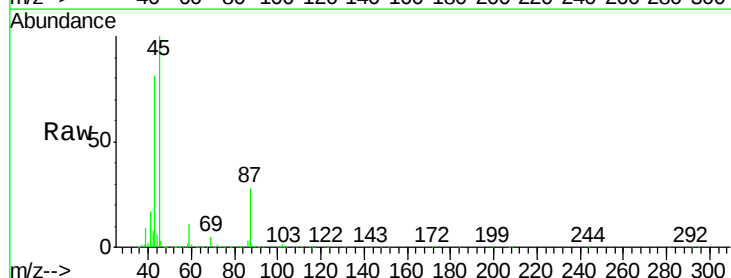
RT: 3.82 min Scan# 449

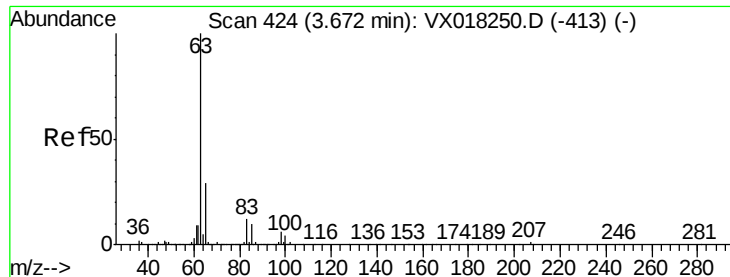
Delta R.T. -0.01 min

Lab File: VX018609.D

Acq: 25 Sep 2020 20:24

Tgt Ion:	45	Resp:	292263
Ion	Ratio	Lower	Upper
45	100		
43	80.9	54.5	81.7
87	27.8	22.2	33.2
59	11.5	9.3	13.9





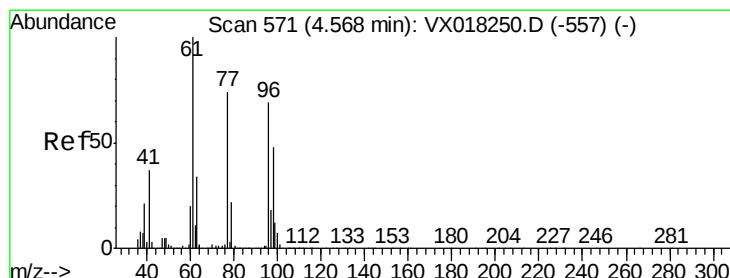
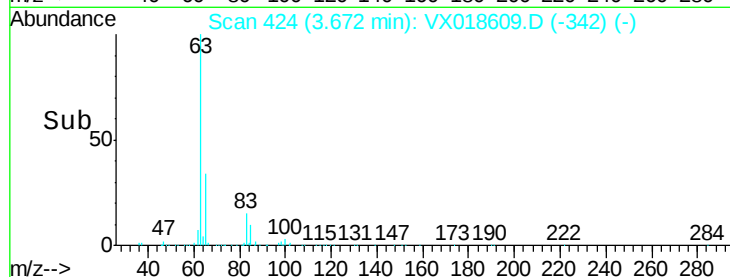
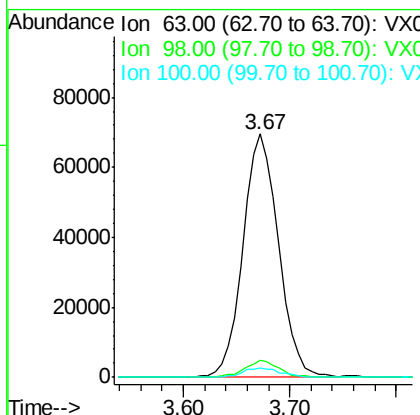
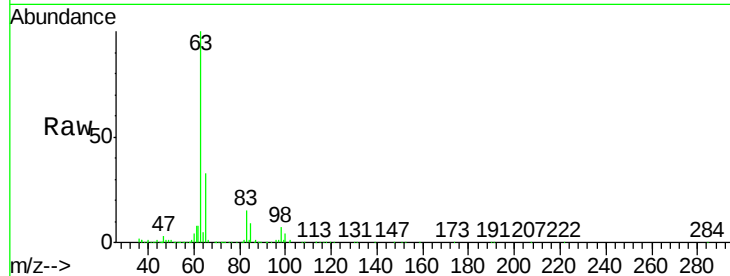
#21
1,1-Dichloroethane
Concen: 19.924 ug/l
RT: 3.67 min Scan# 424
Delta R.T. 0.00 min
Lab File: VX018609.D
Acq: 25 Sep 2020 20:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
63	100	163244		
98	7.0	3.2	9.6	
100	3.9	2.1	6.3	

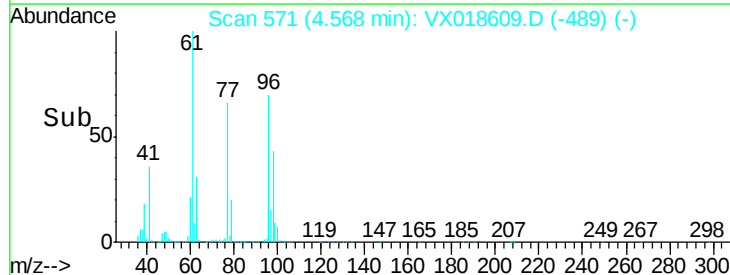
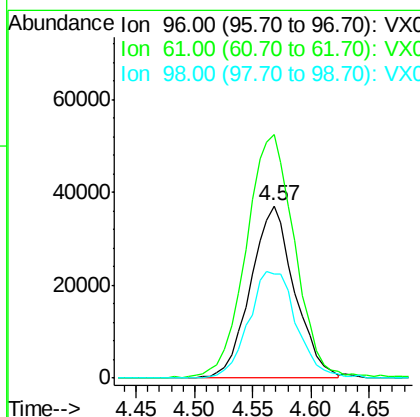
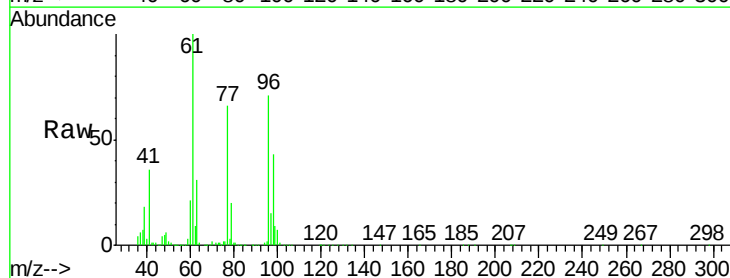
Manual Integrations
APPROVED

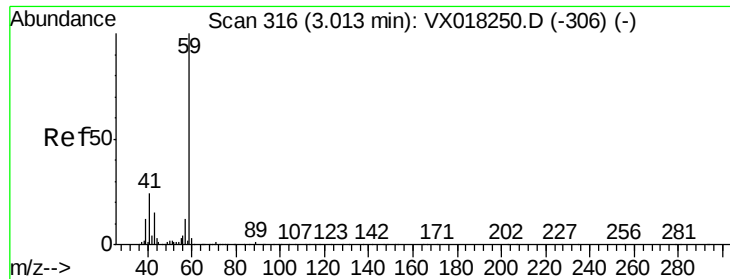
MMDadoda
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#22
cis-1,2-Dichloroethene
Concen: 19.552 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.00 min
Lab File: VX018609.D
Acq: 25 Sep 2020 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	96891		
61	155.6	116.2	174.4	
98	67.6	52.5	78.7	





#23

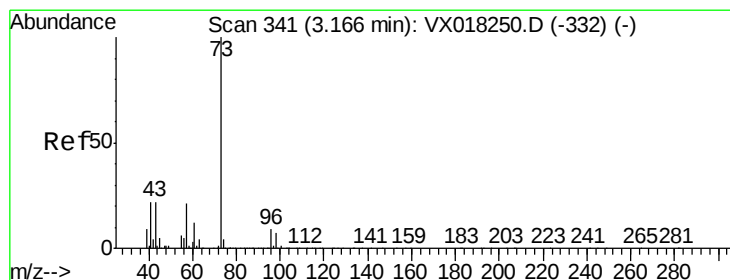
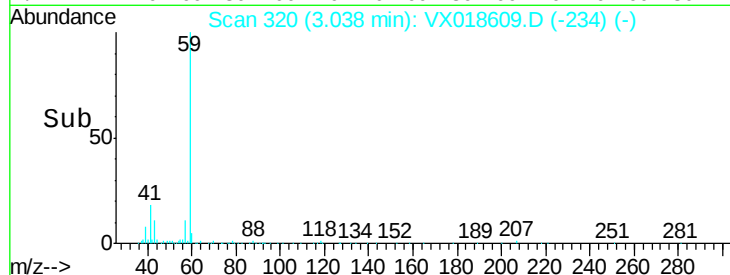
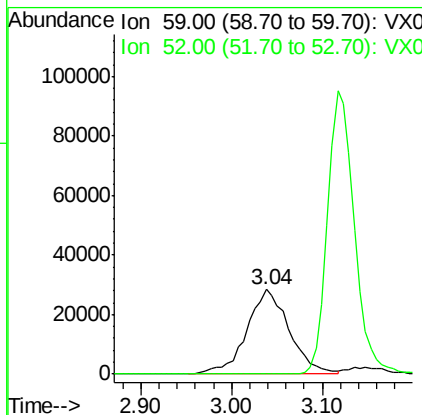
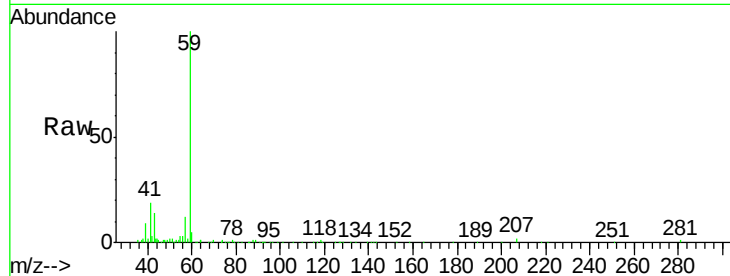
tert-Butyl Alcohol
 Concen: 87.568 ug/l
 RT: 3.04 min Scan# 320
 Delta R.T. 0.02 min
 Lab File: VX018609.D
 Acq: 25 Sep 2020 20:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion: 59 Resp: 91307
 Ion Ratio Lower Upper
 59 100
 52 0.1 0.4 0.6#

Manual Integrations
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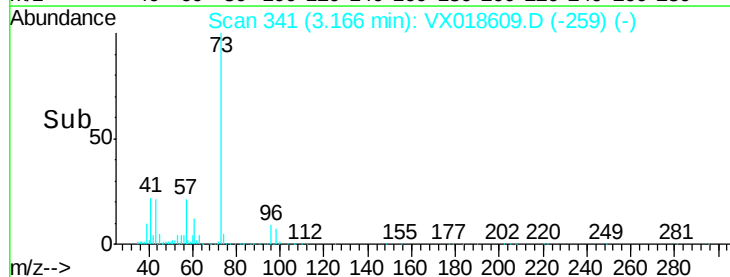
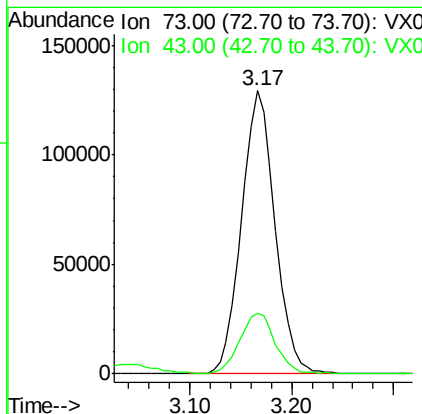
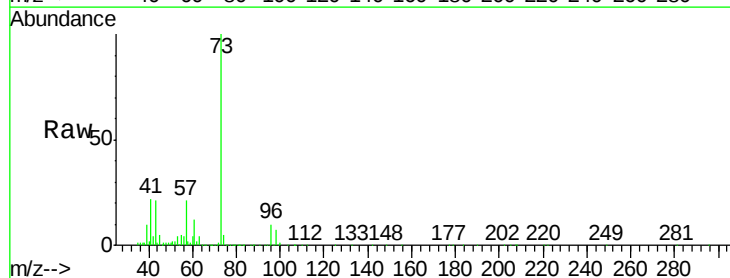
MMDadoda
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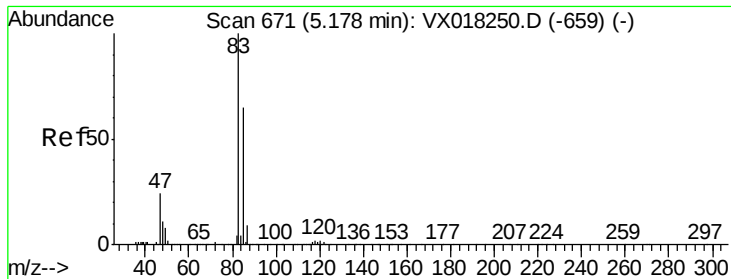


#24

Methyl tert-Butyl Ether
 Concen: 20.486 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX018609.D
 Acq: 25 Sep 2020 20:24

Tgt Ion: 73 Resp: 293808
 Ion Ratio Lower Upper
 73 100
 43 22.4 17.8 26.6





#25

Chloroform

Concen: 19.939 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX018609.D

Acq: 25 Sep 2020 20:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 83 Resp: 174353

Ion Ratio Lower Upper

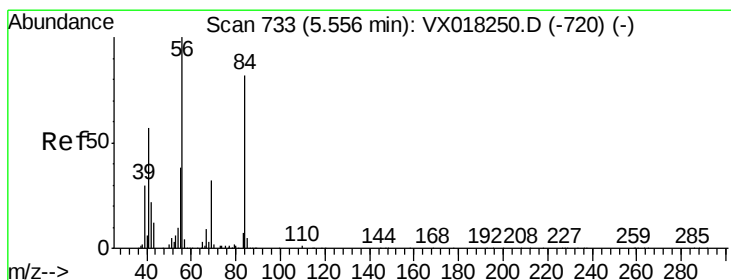
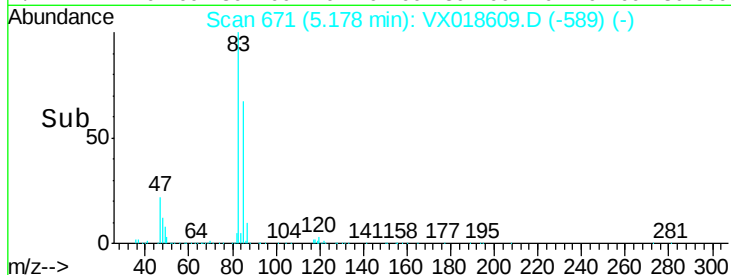
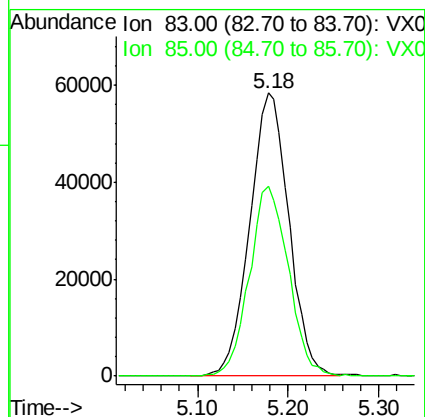
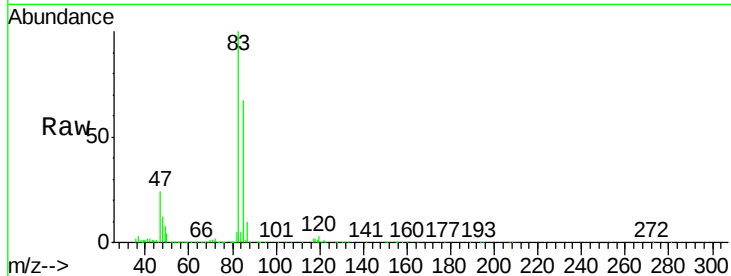
83 100

85 67.2 51.6 77.4

Manual Integrations
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#26

Cyclohexane

Concen: 18.095 ug/l

RT: 5.56 min Scan# 733

Delta R.T. 0.00 min

Lab File: VX018609.D

Acq: 25 Sep 2020 20:24

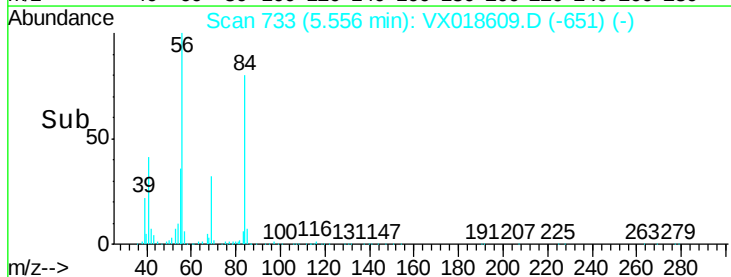
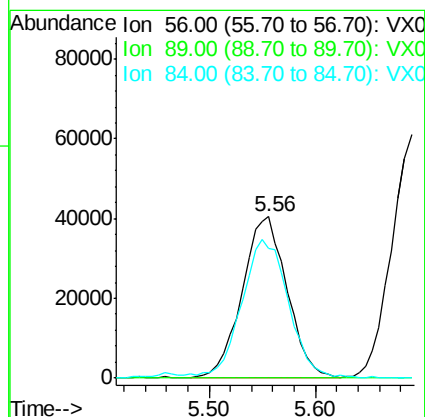
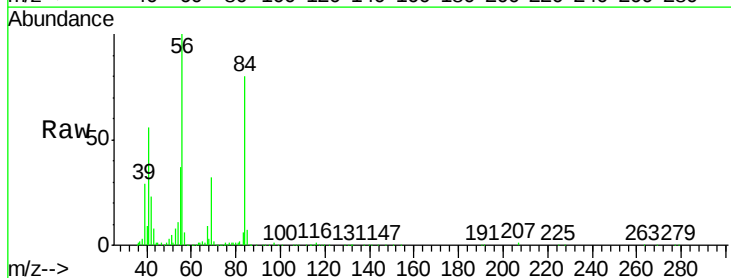
Tgt Ion: 56 Resp: 119667

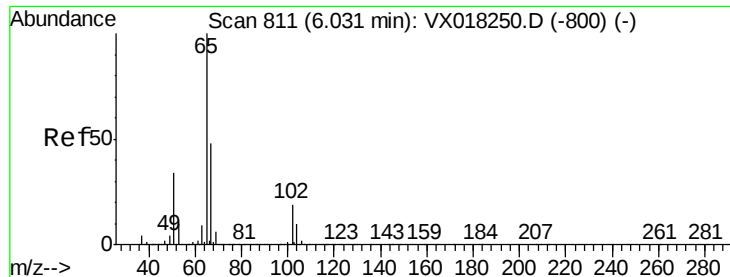
Ion Ratio Lower Upper

56 100

89 0.0 0.1 0.1#

84 86.8 41.0 61.4#





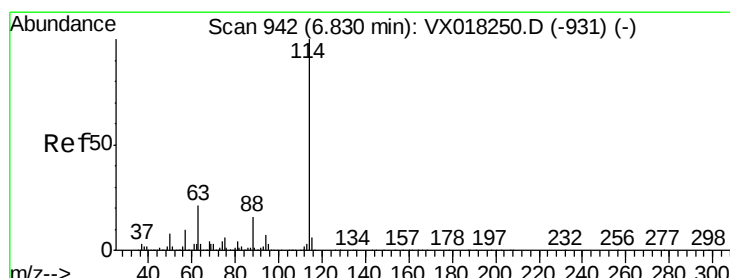
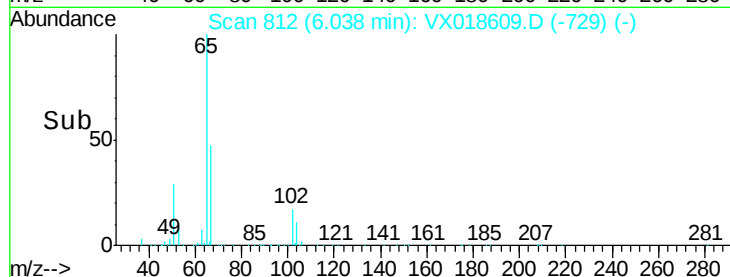
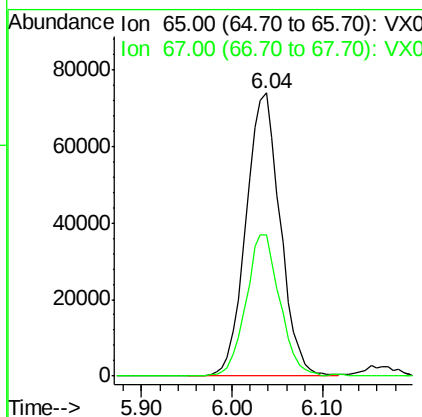
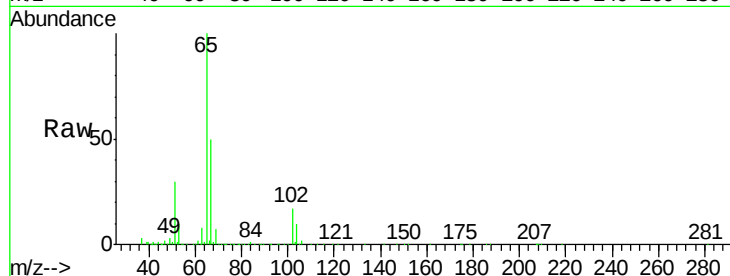
#27
 1,2-Dichloroethane-d4
 Concen: 30.510 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: VX018609.D
 Acq: 25 Sep 2020 20:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	49.4	39.9	59.9

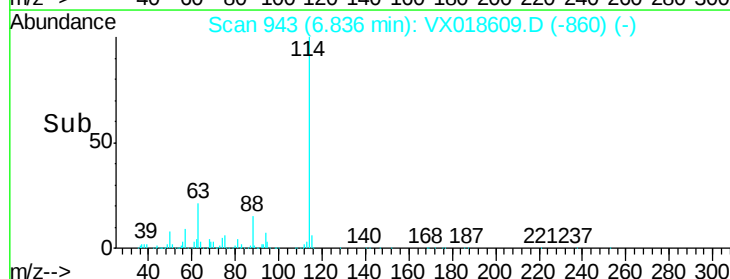
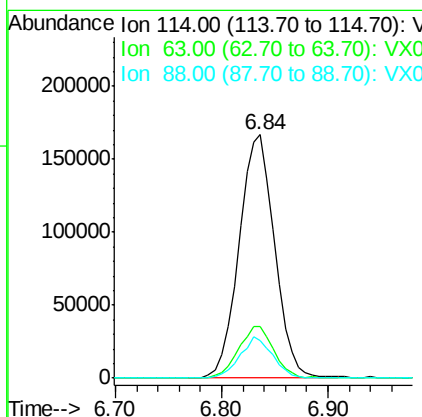
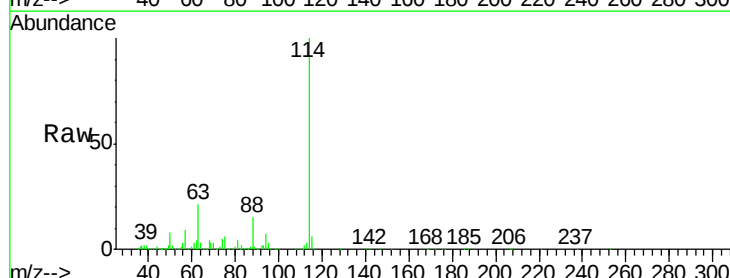
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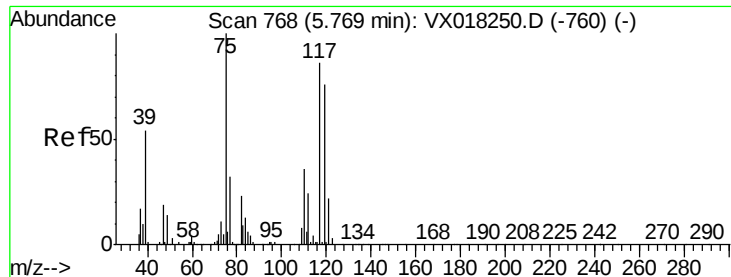
MMDadoda
 9/28/2020 12:51:42 PM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX018609.D
 Acq: 25 Sep 2020 20:24

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.0	16.7	25.1
88	15.6	12.6	18.8





#29

1,1-Dichloropropene

Concen: 19.657 ug/l

RT: 5.78 min Scan# 769

Delta R.T. 0.01 min

Lab File: VX018609.D

Acq: 25 Sep 2020 20:24

Instrument :

MSVOA_X

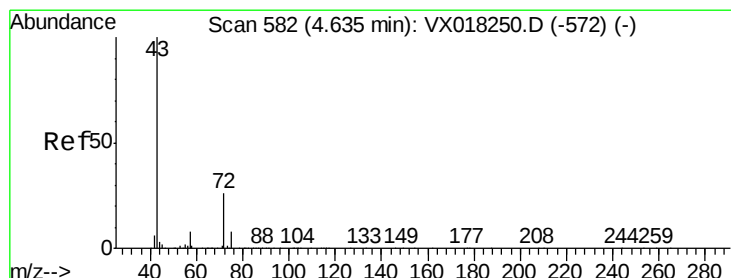
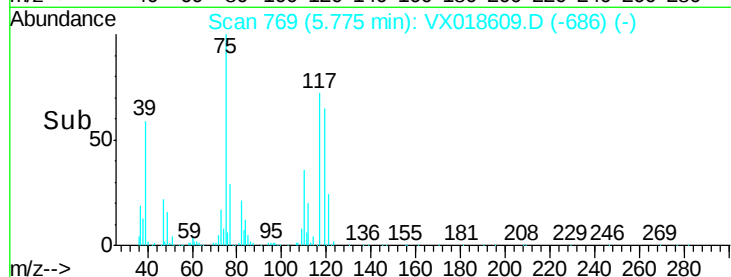
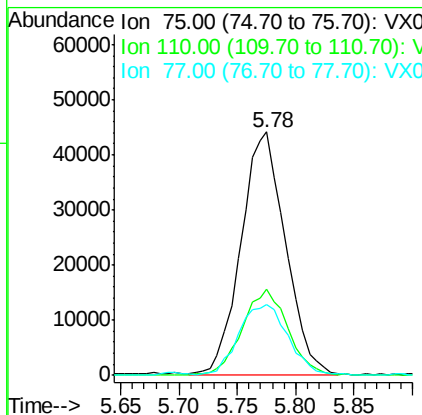
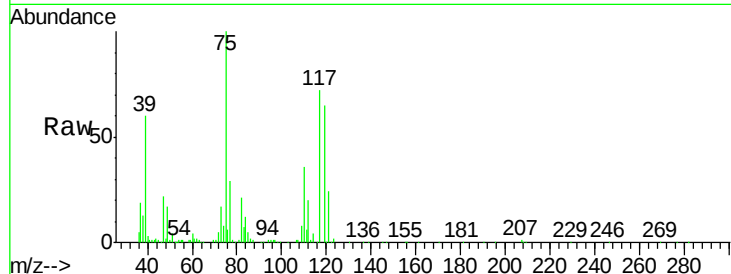
ClientSampleId :

VSTDCCC020EC

Tot Ion:	75	Resp:	117487
Ion Ratio	Lower	Upper	
75	100		
110	35.9	0.0	72.2
77	32.2	0.0	61.0

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#30

2-Butanone

Concen: 101.518 ug/l

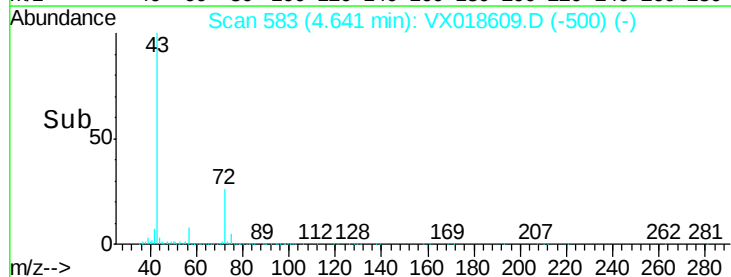
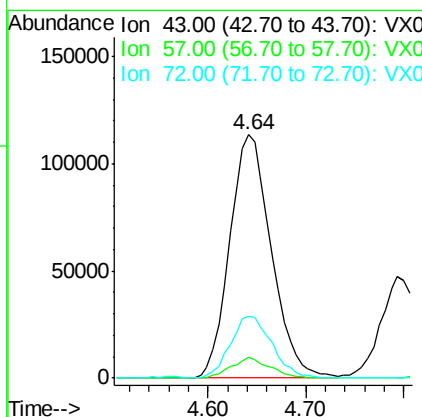
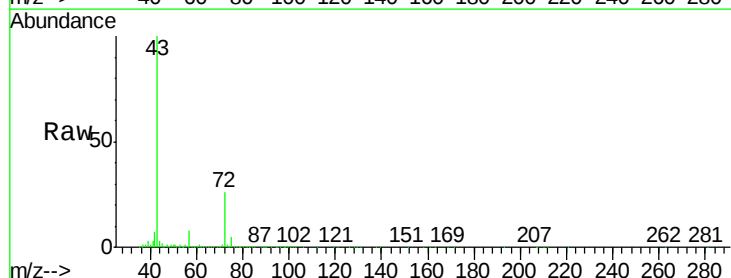
RT: 4.64 min Scan# 583

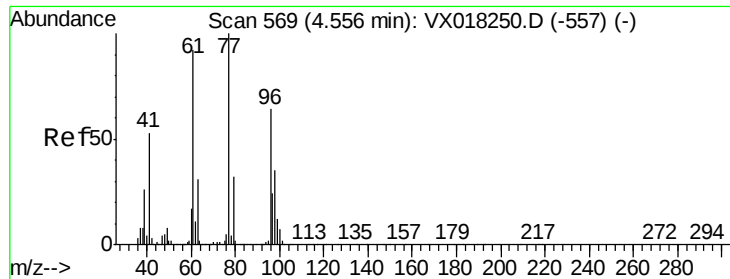
Delta R.T. 0.01 min

Lab File: VX018609.D

Acq: 25 Sep 2020 20:24

Tgt Ion:	43	Resp:	332233
Ion Ratio	Lower	Upper	
43	100		
57	7.9	6.7	10.1
72	24.9	20.0	30.0





#31

2,2-Dichloropropane

Concen: 18.844 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.00 min

Lab File: VX018609.D

Acq: 25 Sep 2020 20:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 77 Resp: 136044

Ion Ratio Lower Upper

77 100

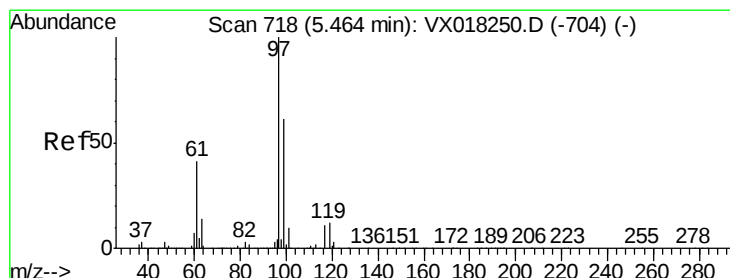
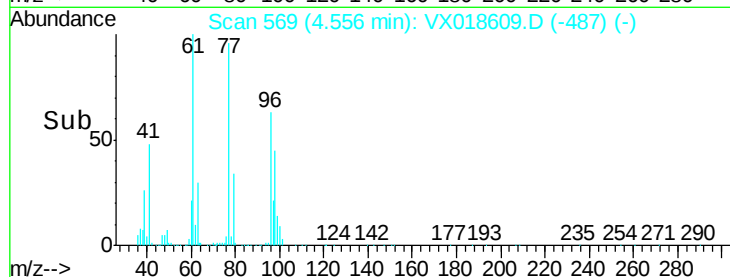
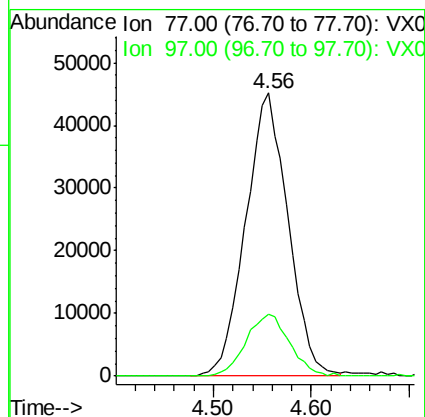
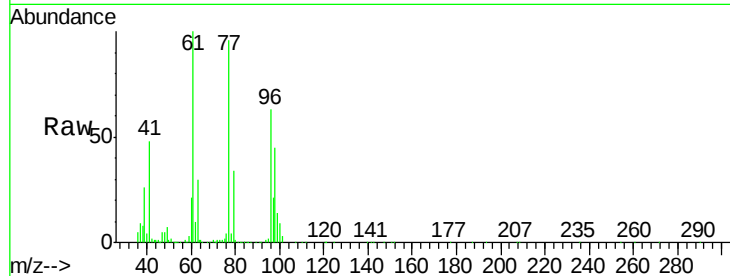
97 22.4 18.1 27.1

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#32

1,1,1-Trichloroethane

Concen: 20.514 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX018609.D

Acq: 25 Sep 2020 20:24

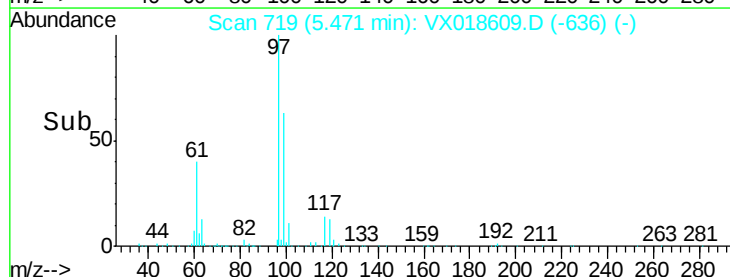
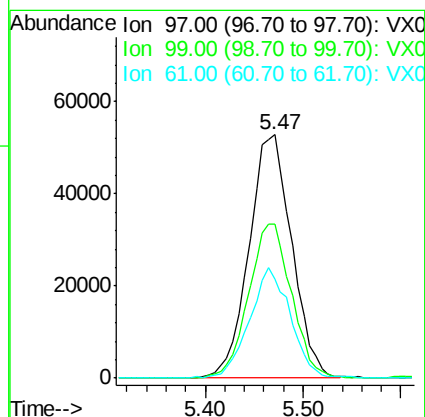
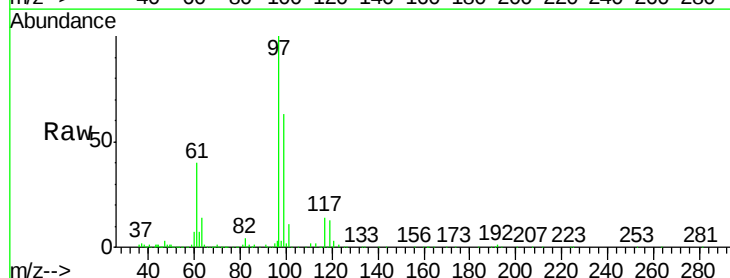
Tgt Ion: 97 Resp: 160491

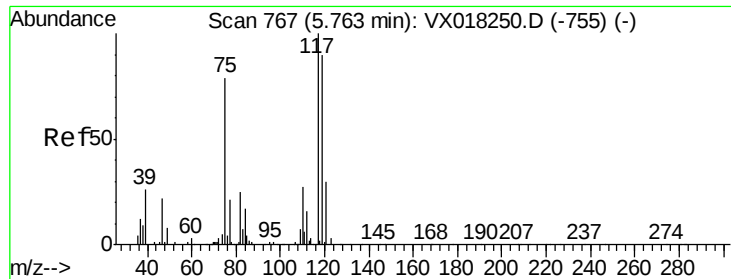
Ion Ratio Lower Upper

97 100

99 63.4 50.7 76.1

61 43.2 34.5 51.7





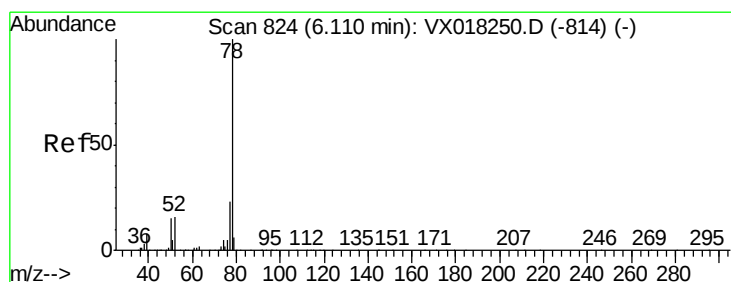
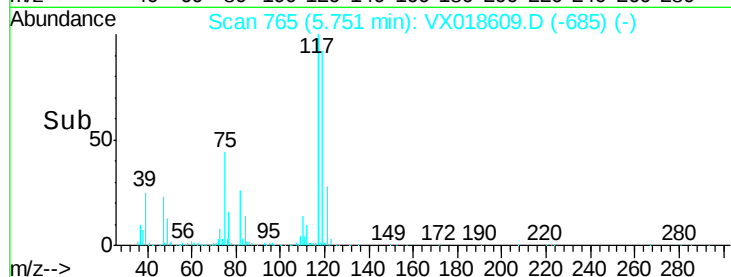
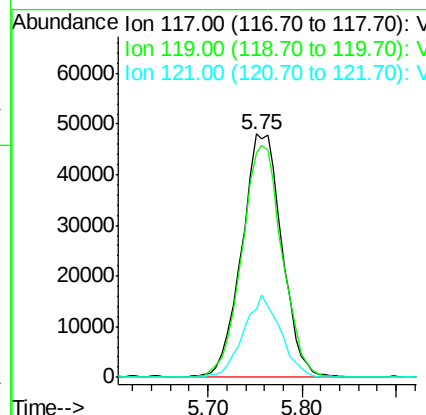
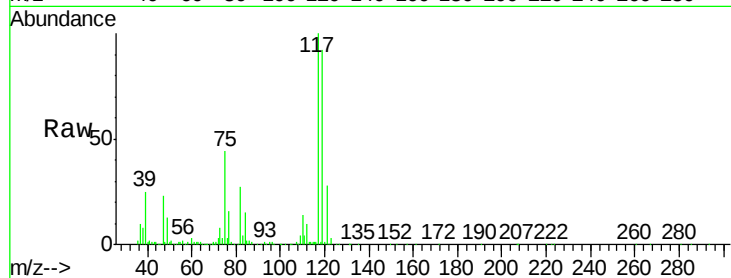
#33
Carbon Tetrachloride
Concen: 19.698 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX018609.D
Acq: 25 Sep 2020 20:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
117	100		
119	92.2	72.3	108.5
121	28.4	24.1	36.1

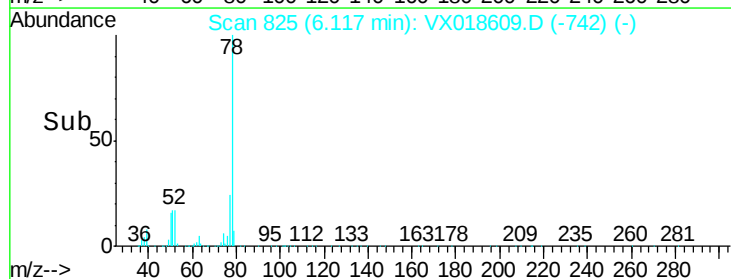
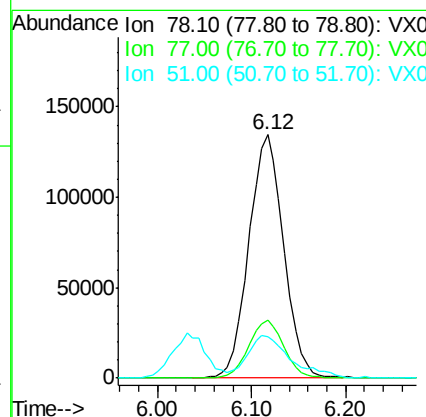
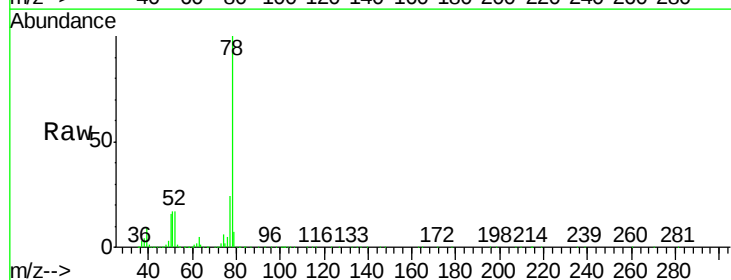
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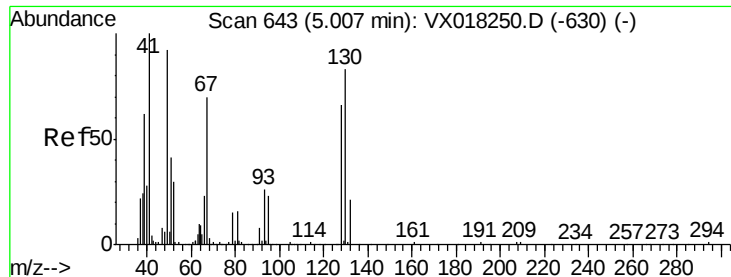
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#34
Benzene
Concen: 20.386 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX018609.D
Acq: 25 Sep 2020 20:24

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.3	27.5
51	16.6	11.3	16.9





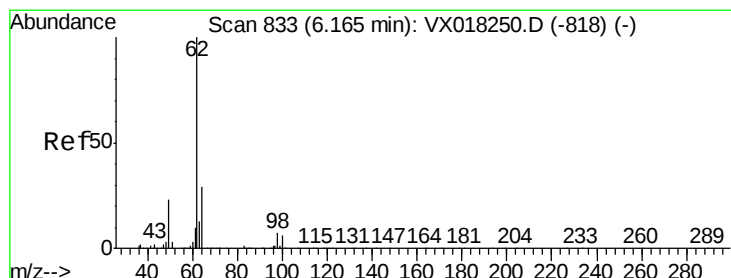
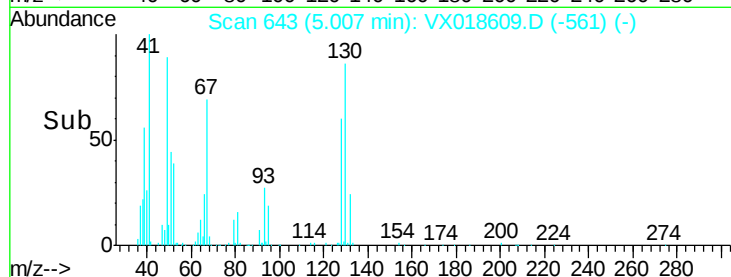
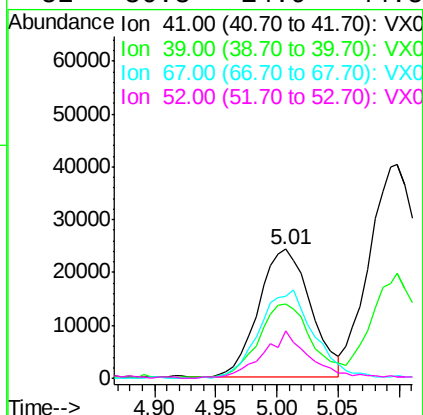
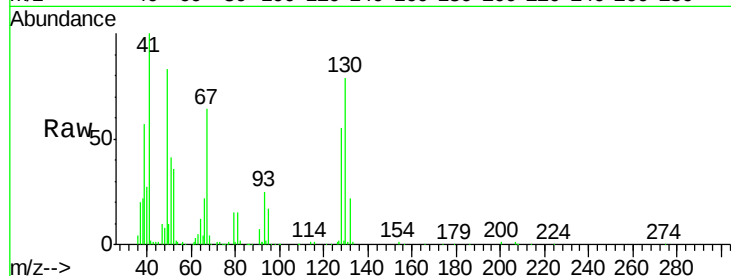
#35
Methacrylonitrile
Concen: 20.823 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.00 min
Lab File: VX018609.D
Acq: 25 Sep 2020 20:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	57.0	31.3	93.9	
67	64.3	35.4	106.2	
52	36.3	14.9	44.5	

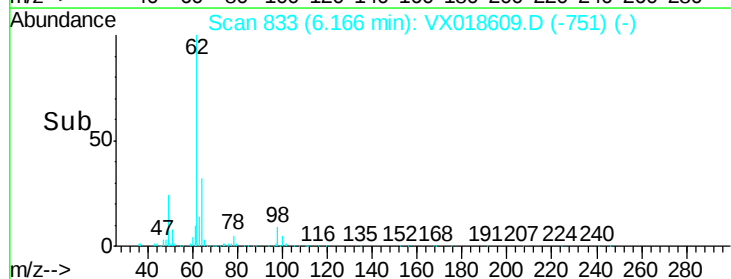
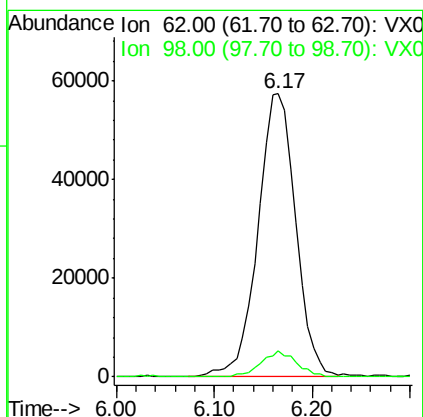
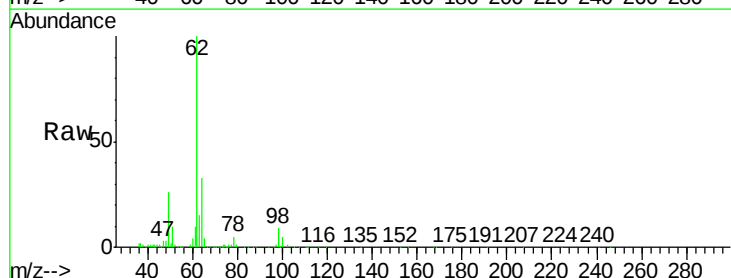
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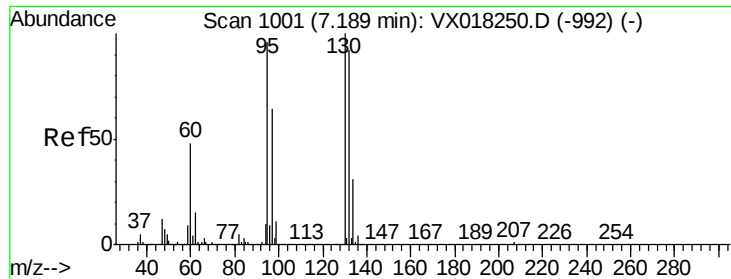
MMDadoda
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#36
1,2-Dichloroethane
Concen: 21.749 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX018609.D
Acq: 25 Sep 2020 20:24

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.4	0.0	0.0#	





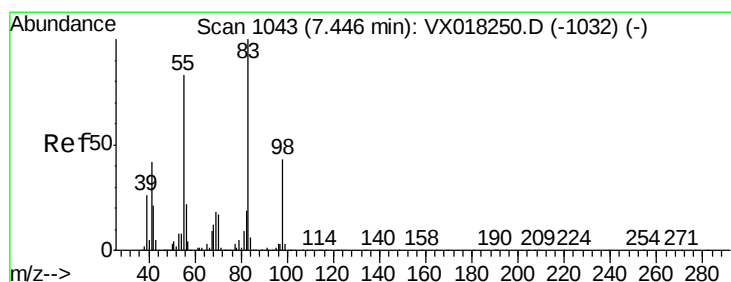
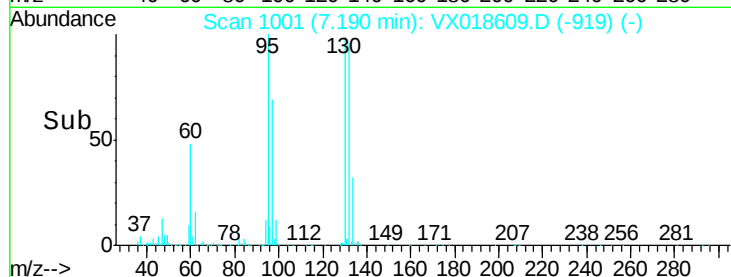
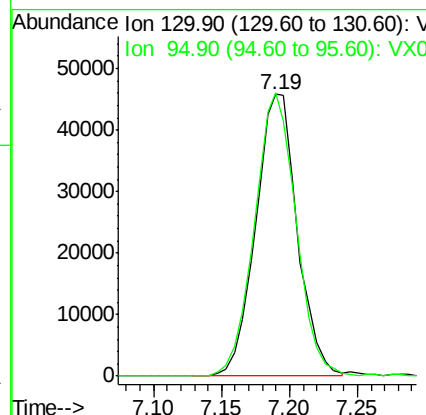
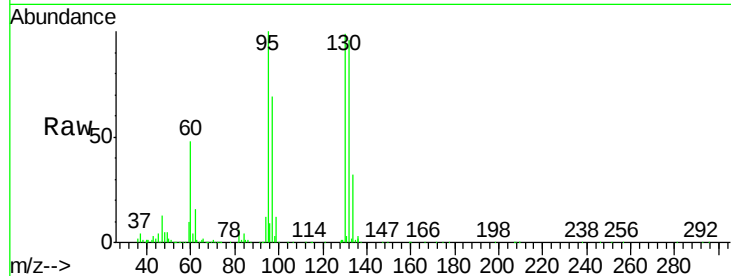
#37
 Trichloroethene
 Concen: 19.883 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX018609.D
 Acq: 25 Sep 2020 20:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ion	Ratio	Lower	Upper
130	100			
95	100.4	76.9	115.3	

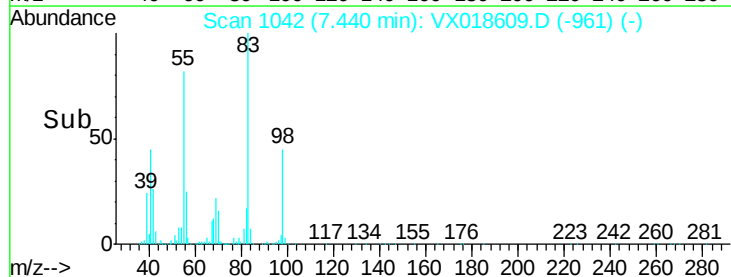
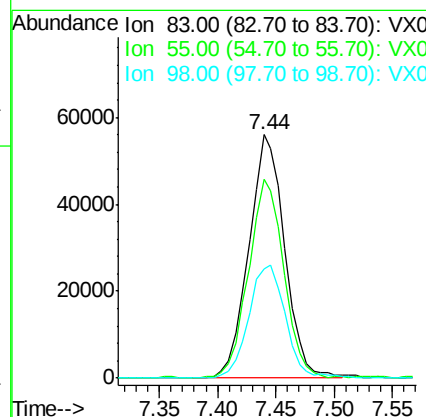
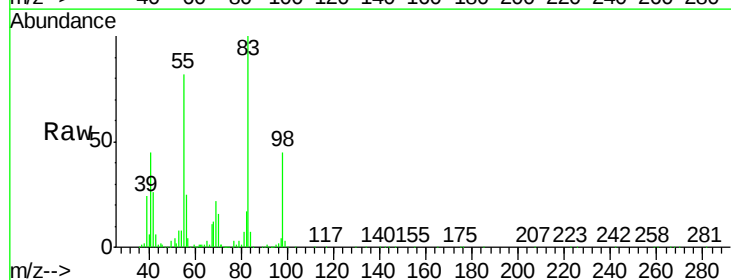
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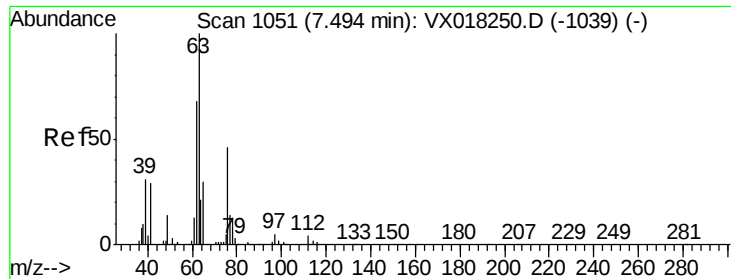
MMDadoda
 9/28/2020 12:51:42 PM



#38
 Methylcyclohexane
 Concen: 18.823 ug/l
 RT: 7.44 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX018609.D
 Acq: 25 Sep 2020 20:24

Tgt Ion	Ion	Ratio	Lower	Upper
83	100			
55	80.3	41.1	123.4	
98	46.4	24.0	72.0	





#39

1,2-Dichloropropane

Concen: 20.837 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX018609.D

Acq: 25 Sep 2020 20:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 63 Resp: 95217

Ion Ratio Lower Upper

63 100

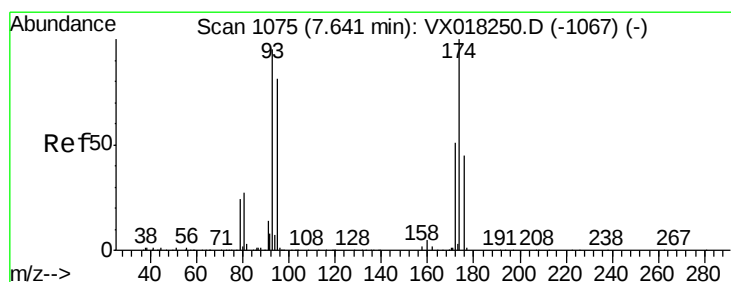
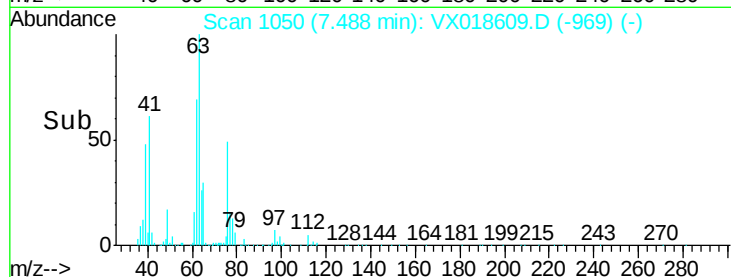
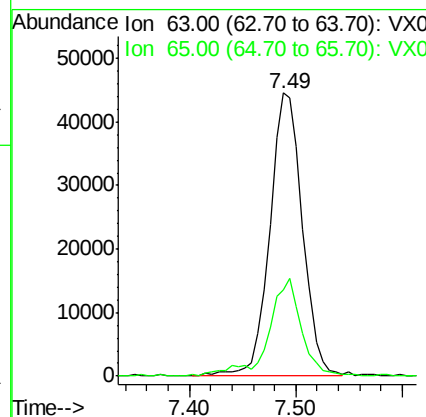
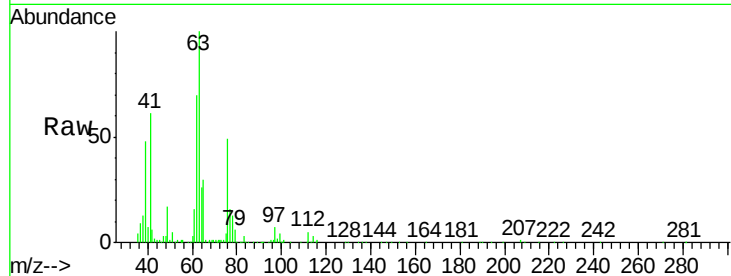
65 29.9 25.7 38.5

Manual Integrations

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#40

Dibromomethane

Concen: 21.359 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX018609.D

Acq: 25 Sep 2020 20:24

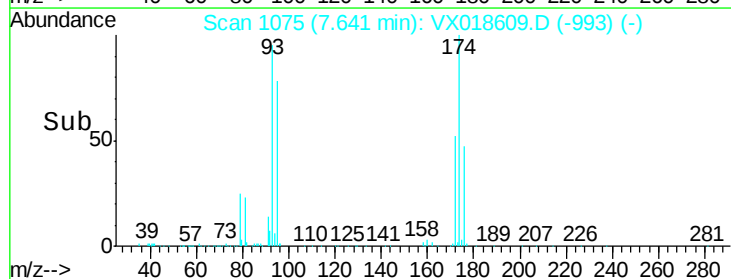
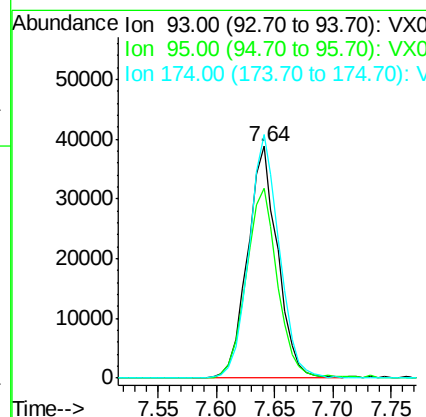
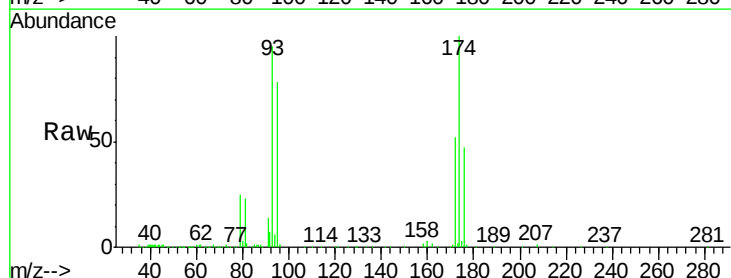
Tgt Ion: 93 Resp: 70481

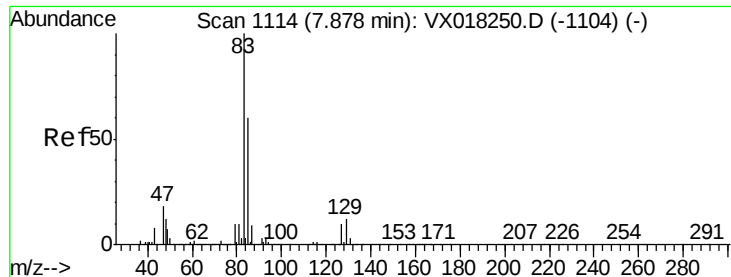
Ion Ratio Lower Upper

93 100

95 83.8 0.0 167.0

174 104.7 0.0 202.0





#41

Bromodichloromethane

Concen: 21.008 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018609.D

Acq: 25 Sep 2020 20:24

Instrument :

MSVOA_X

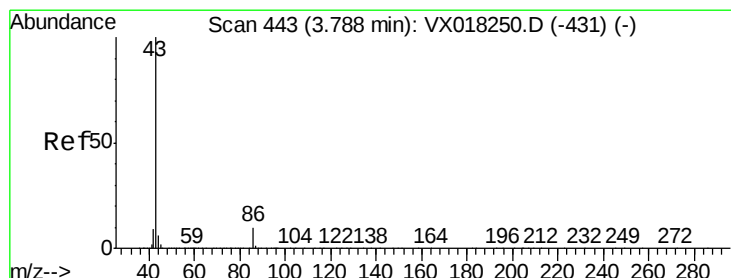
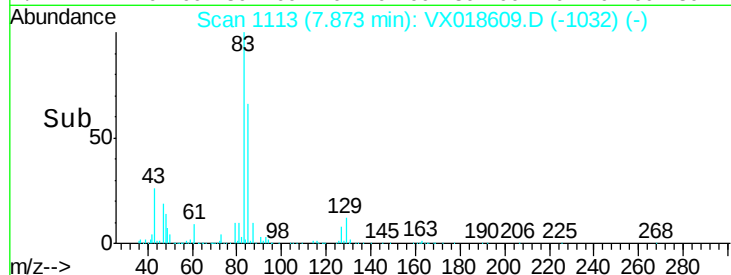
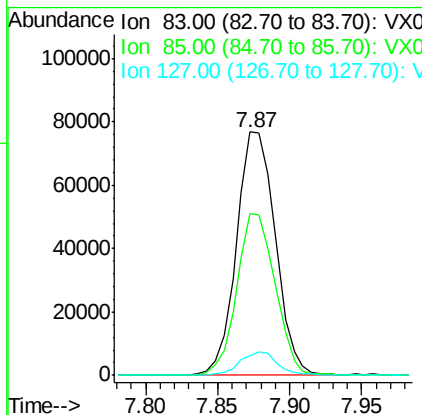
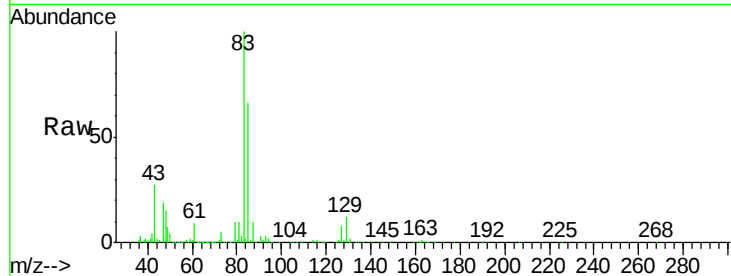
ClientSampleId :

VSTDCCC020EC

Tot Ion:	83	Resp:	143679
Ion Ratio	Lower	Upper	
83	100		
85	66.0	48.2	72.2
127	8.0	8.0	12.0

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#42

Vinyl Acetate

Concen: 106.889 ug/l

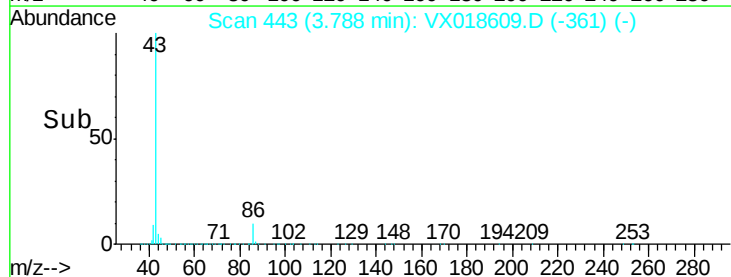
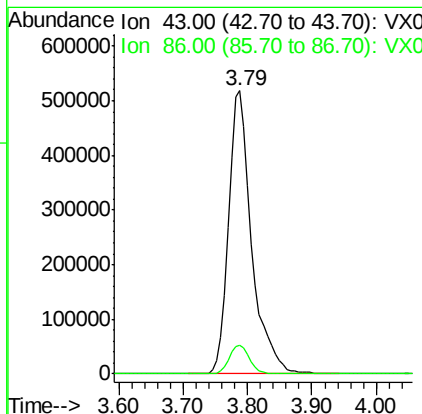
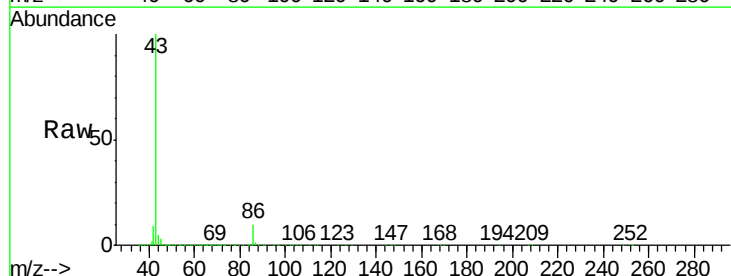
RT: 3.79 min Scan# 443

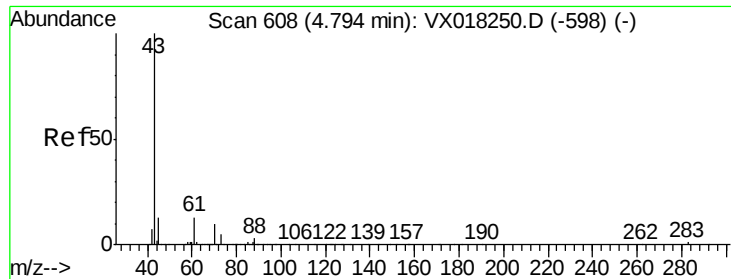
Delta R.T. 0.00 min

Lab File: VX018609.D

Acq: 25 Sep 2020 20:24

Tgt Ion:	43	Resp:	1305111
Ion Ratio	Lower	Upper	
43	100		
86	9.1	7.2	10.8





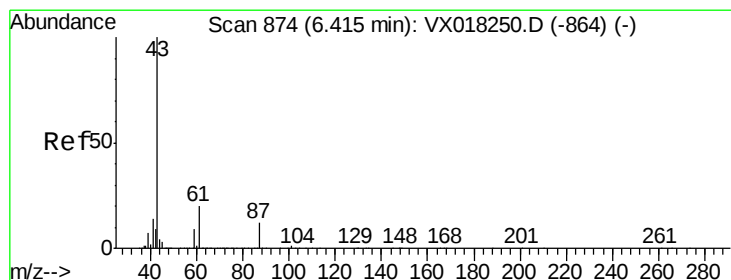
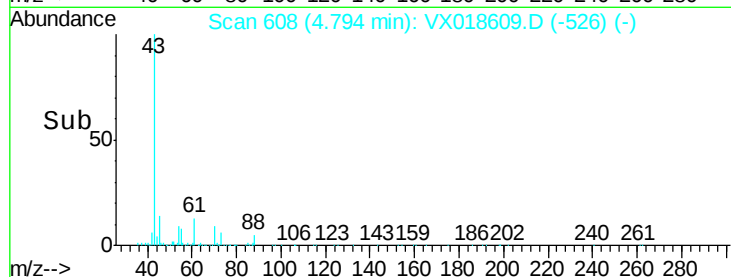
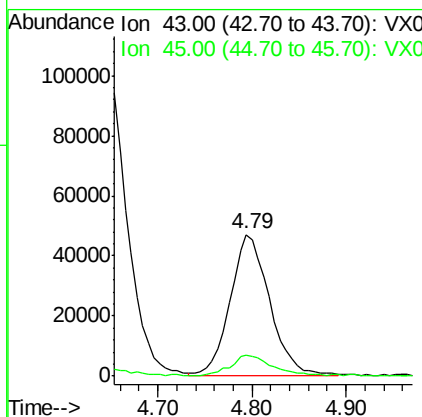
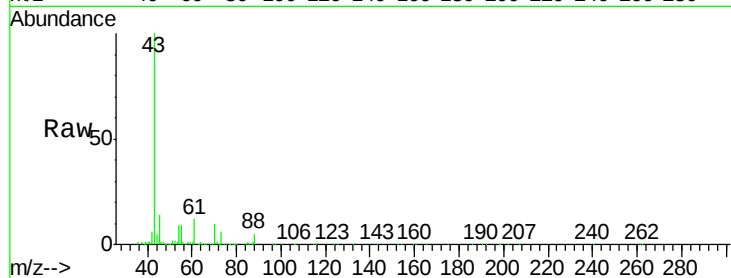
#43
Ethyl Acetate
Concen: 21.268 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX018609.D
Acq: 25 Sep 2020 20:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
43	100		
45	13.9	11.2	16.8

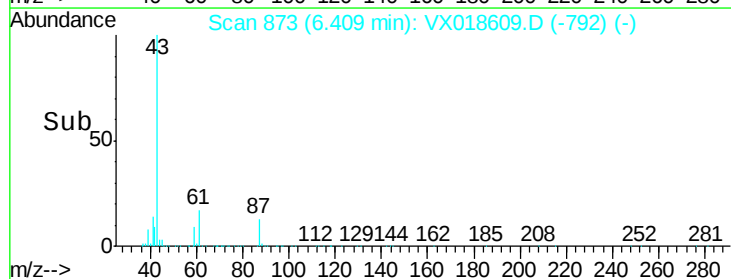
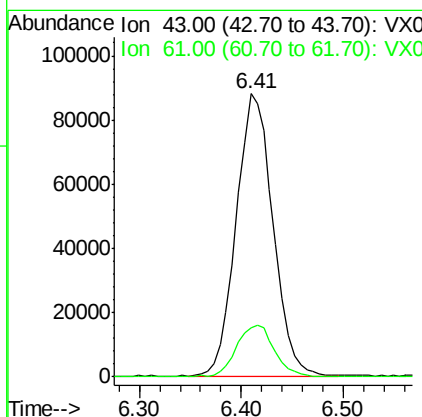
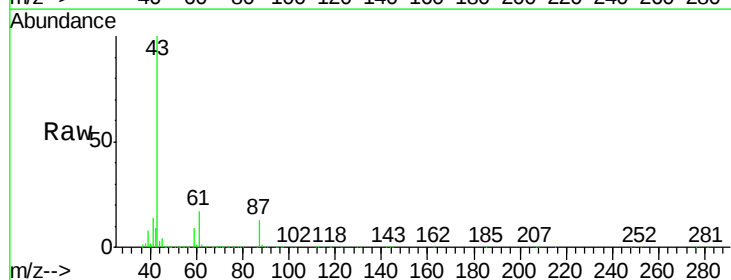
Manual Integrations
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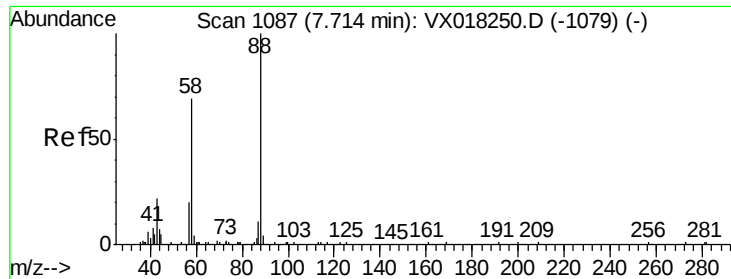
MMDadoda
9/28/2020 12:51:42 PM



#44
Isopropyl Acetate
Concen: 21.007 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX018609.D
Acq: 25 Sep 2020 20:24

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.0	14.6	22.0





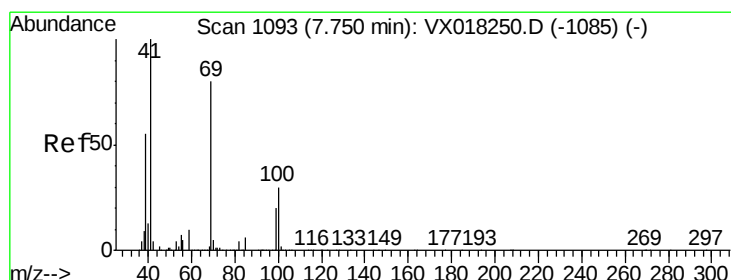
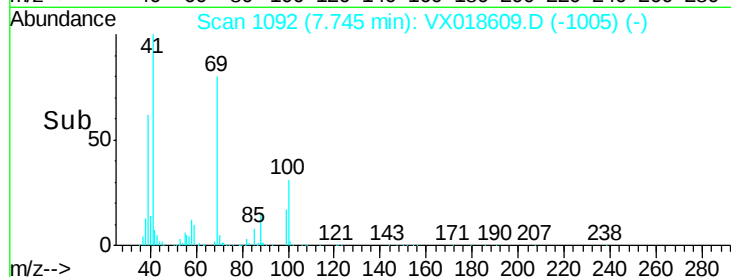
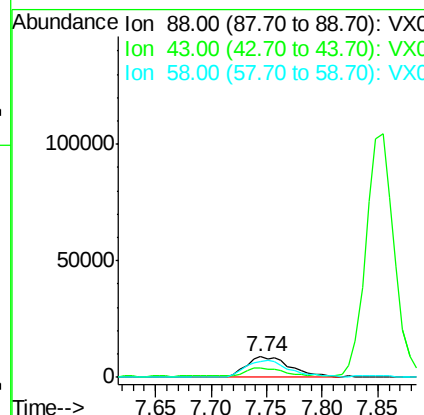
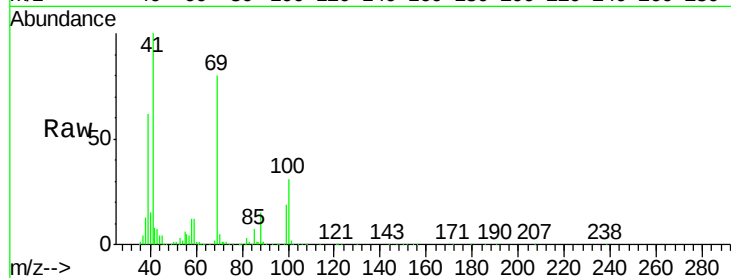
#45
1,4-Dioxane
Concen: 288.286 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. 0.03 min
Lab File: VX018609.D
Acq: 25 Sep 2020 20:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
88	100			
43	31.1	13.6	20.4#	
58	76.5	58.2	87.4	

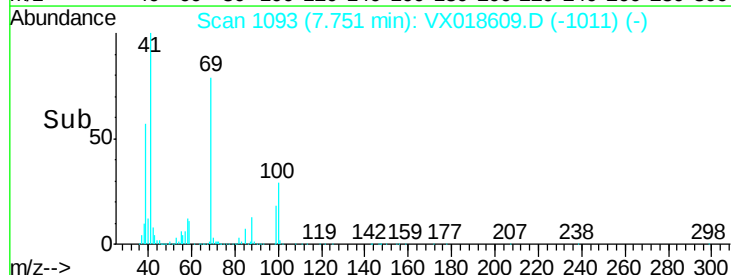
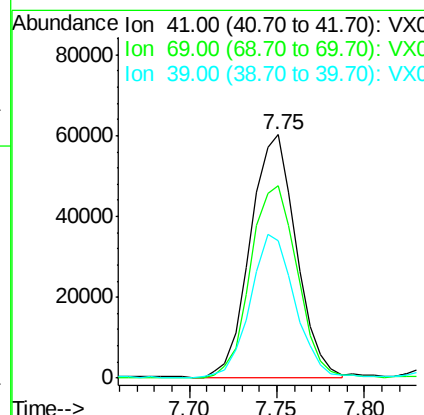
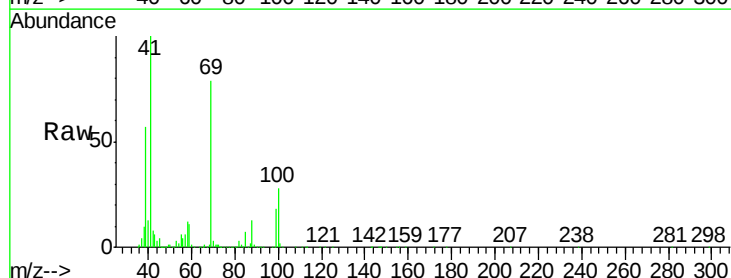
Manual Integrations
APPROVED

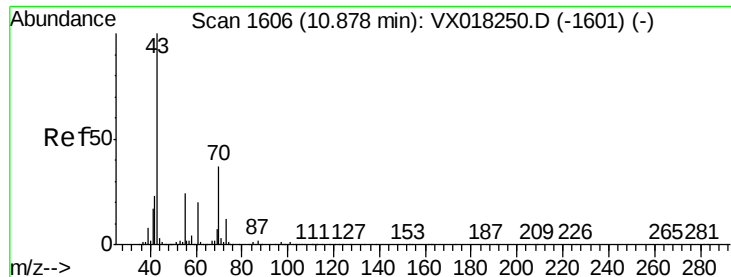
MMDadoda
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#46
Methyl methacrylate
Concen: 21.148 ug/l
RT: 7.75 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VX018609.D
Acq: 25 Sep 2020 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
41	100			
69	79.3	40.3	120.8	
39	56.4	27.3	81.9	





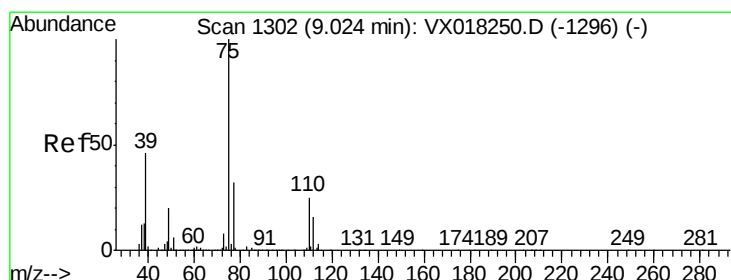
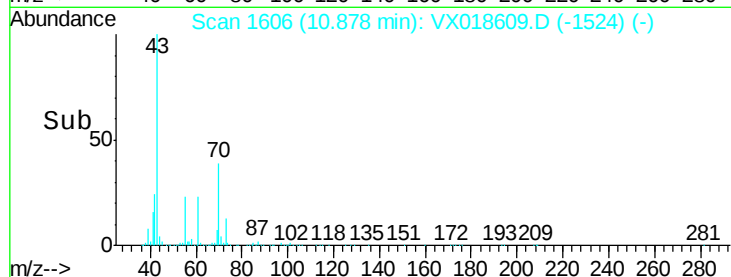
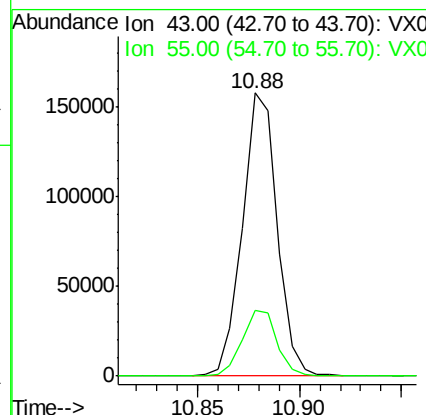
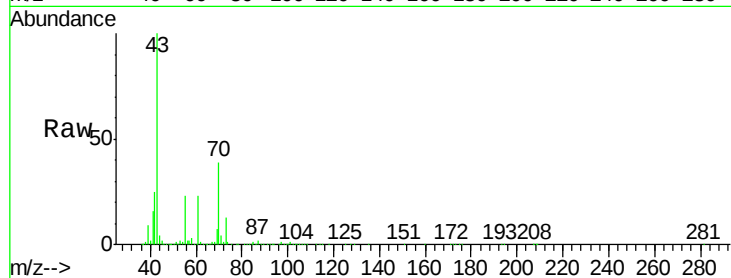
#47
n-amvl Acetate
Concen: 20.131 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VX018609.D
Acq: 25 Sep 2020 20:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	43	55	Ratio	100	23.2	Resp Lower	185518	Upper	28.3
Ion	43	55	Ratio	100	23.2	Resp Lower	185518	Upper	28.3

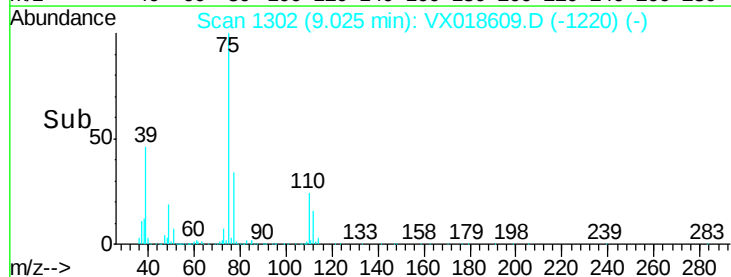
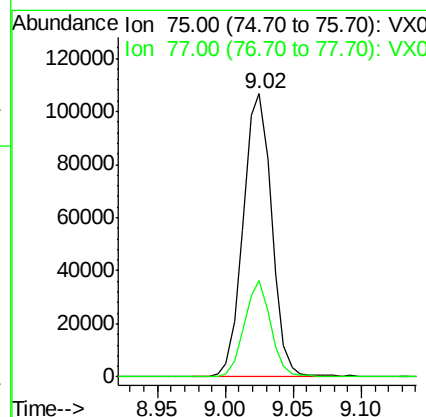
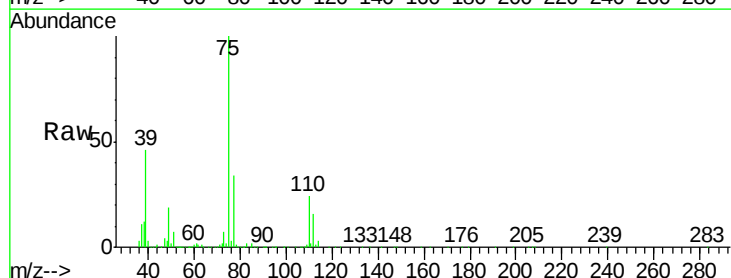
Manual Integrations
APPROVED

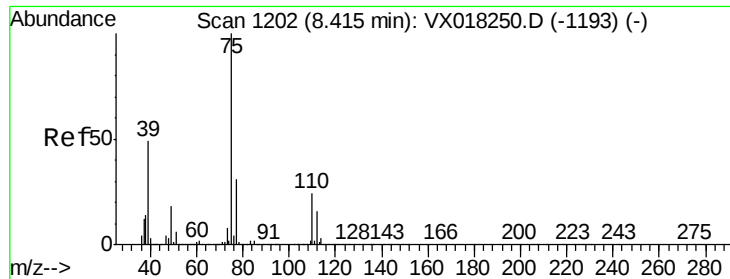
MMDadoda
9/28/2020 12:51:42 PM



#48
t-1,3-Dichloropropene
Concen: 21.273 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX018609.D
Acq: 25 Sep 2020 20:24

Tgt Ion	75	77	Ratio	100	34.0	Resp Lower	156287	Upper	38.2
Ion	75	77	Ratio	100	34.0	Resp Lower	156287	Upper	38.2





#49

cis-1,3-Dichloropropene

Concen: 20.885 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX018609.D

Acq: 25 Sep 2020 20:24

Instrument :

MSVOA_X

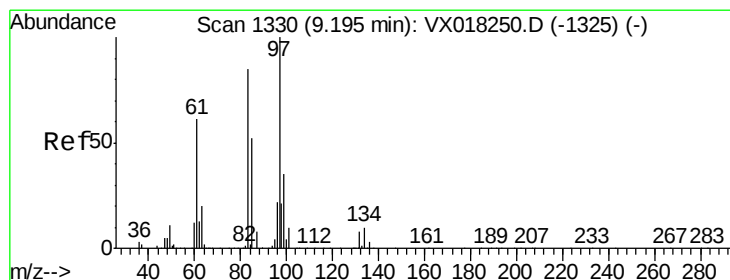
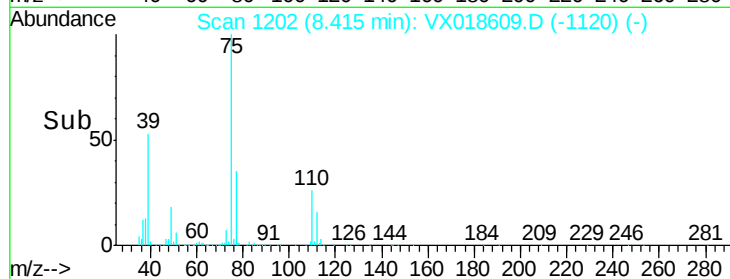
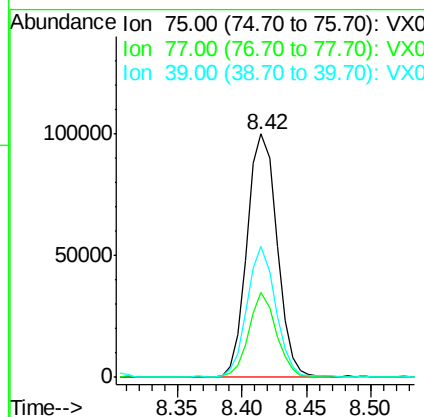
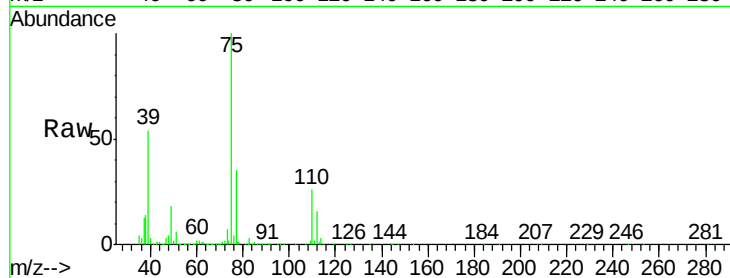
ClientSampleId :

VSTDCCC020EC

Tot Ion:	75	Resp:	161182
Ion Ratio		Lower	Upper
75	100		
77	35.1	24.7	37.1
39	53.4	39.6	59.4

Manual Integrations
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#50

1,1,2-Trichloroethane

Concen: 21.425 ug/l

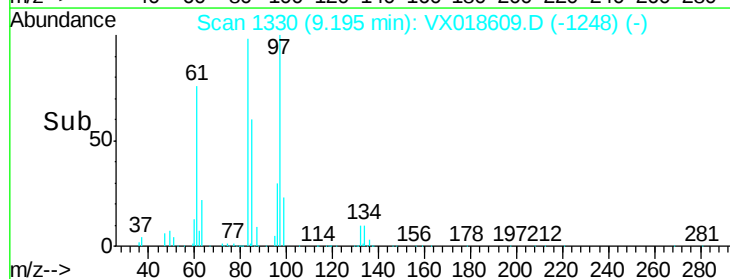
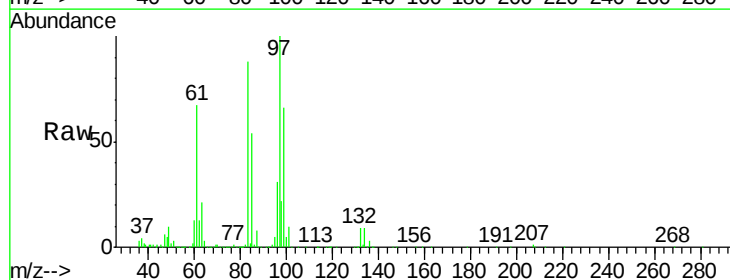
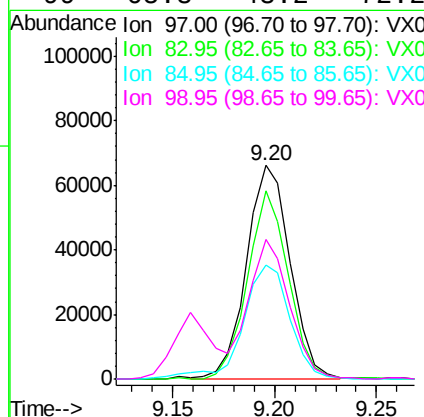
RT: 9.20 min Scan# 1330

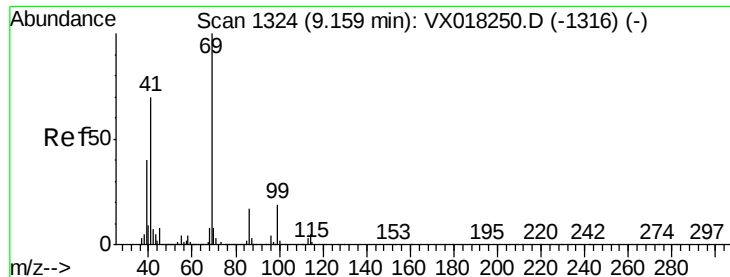
Delta R.T. 0.00 min

Lab File: VX018609.D

Acq: 25 Sep 2020 20:24

Tgt Ion:	97	Resp:	98515
Ion Ratio		Lower	Upper
97	100		
83	88.5	68.1	102.1
85	53.1	42.6	64.0
99	65.8	48.2	72.2





#51

Ethyl methacrylate

Concen: 20.989 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX018609.D

Acq: 25 Sep 2020 20:24

Instrument :

MSVOA_X

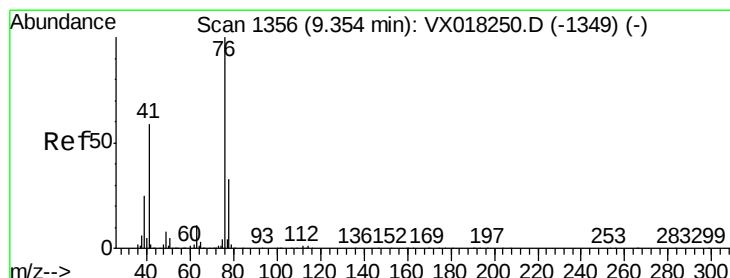
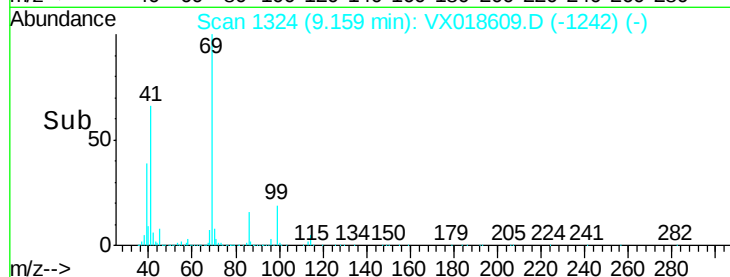
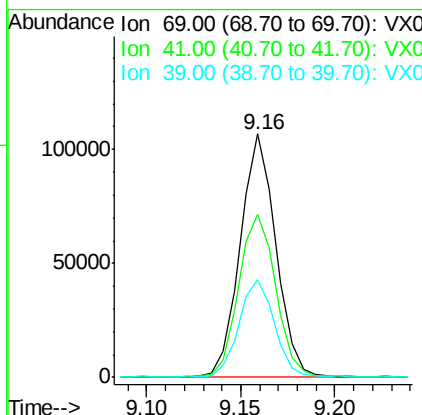
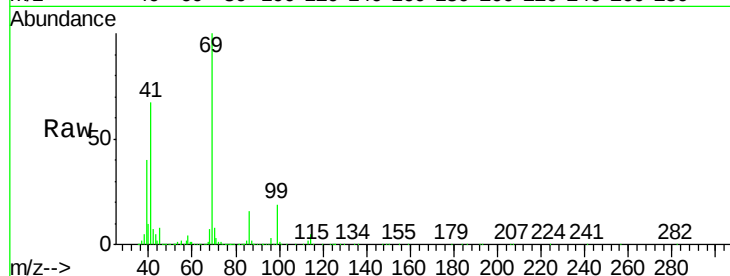
ClientSampleId :

VSTDCCC020EC

Tot Ion:	69	Resp:	139806
Ion Ratio	Lower	Upper	
69	100		
41	66.7	34.9	104.7
39	39.4	19.8	59.3

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 20.890 ug/l

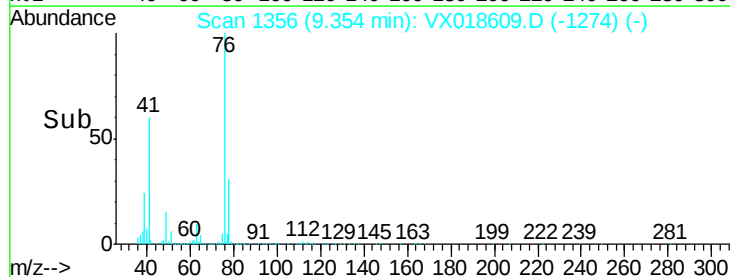
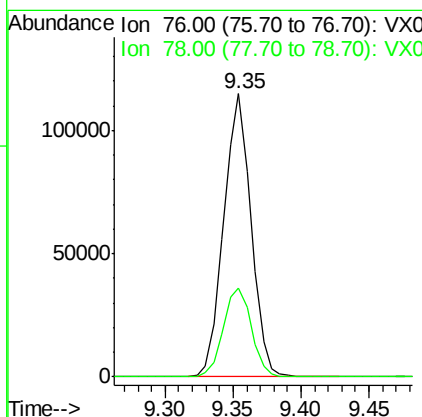
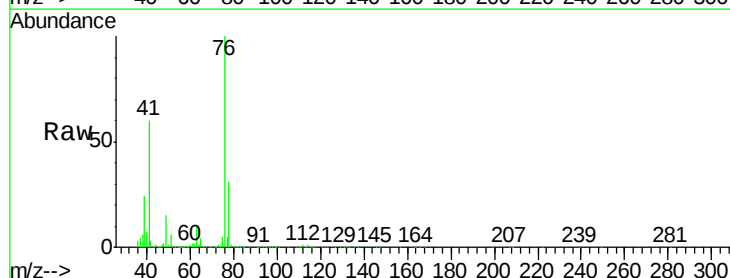
RT: 9.35 min Scan# 1356

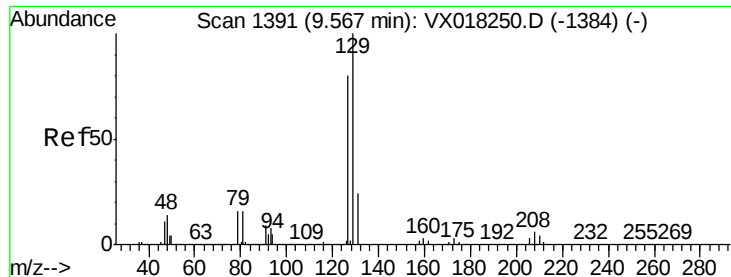
Delta R.T. 0.00 min

Lab File: VX018609.D

Acq: 25 Sep 2020 20:24

Tgt Ion:	76	Resp:	159434
Ion Ratio	Lower	Upper	
76	100		
78	32.4	0.0	62.2





#53

Dibromochloromethane

Concen: 20.658 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX018609.D

Acq: 25 Sep 2020 20:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:129 Resp: 118110

Ion Ratio Lower Upper

129 100

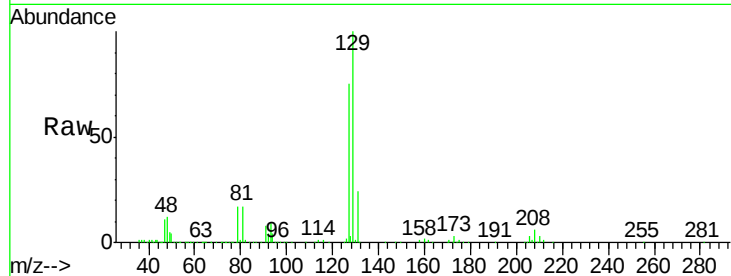
127 77.7 38.9 116.6

Manual Integrations

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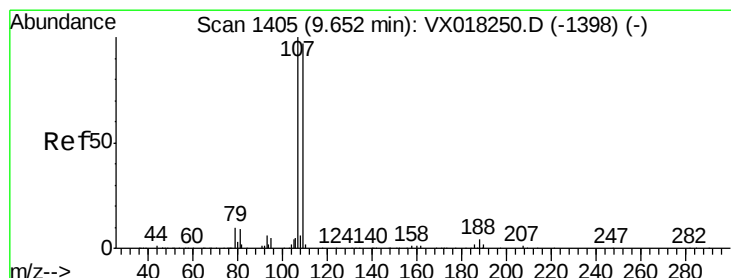
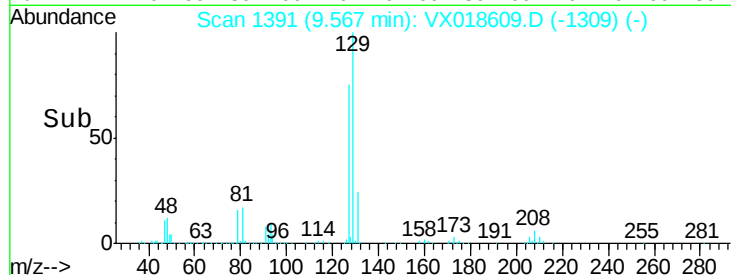
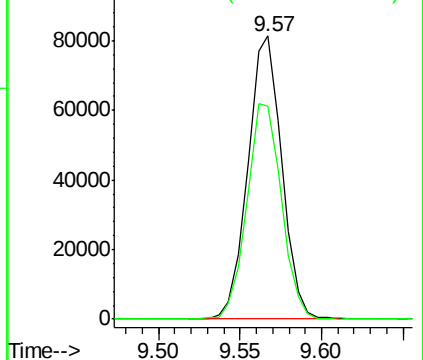
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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 21.396 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018609.D

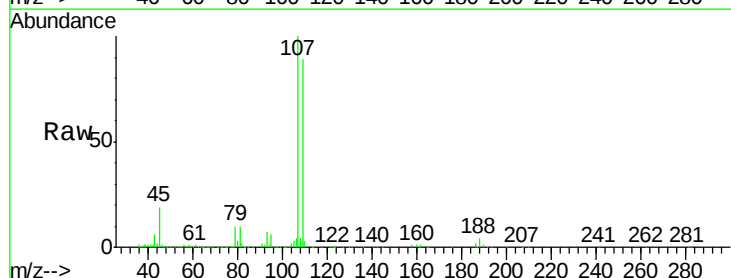
Acq: 25 Sep 2020 20:24

Tgt Ion:107 Resp: 107929

Ion Ratio Lower Upper

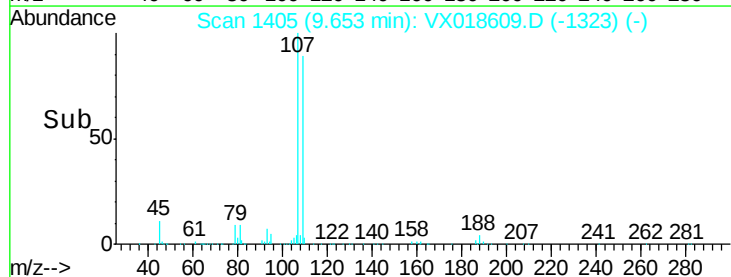
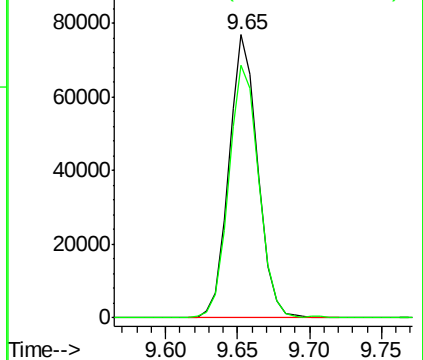
107 100

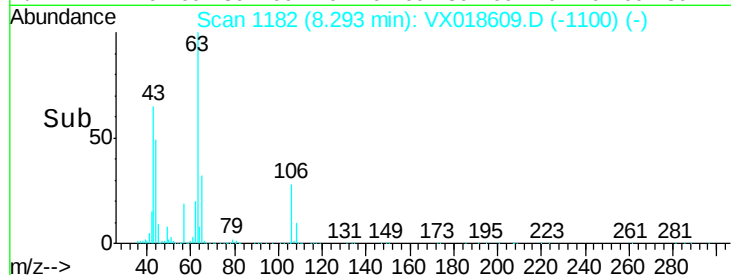
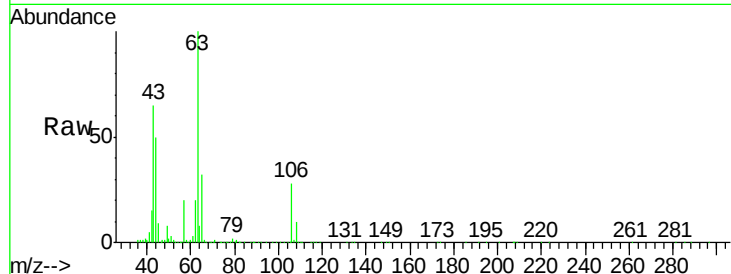
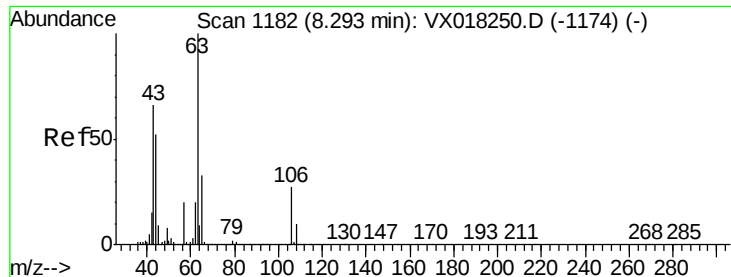
109 92.6 77.8 116.6



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#55

2-Chloroethyl vinyl ether

Concen: 109.116 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX018609.D

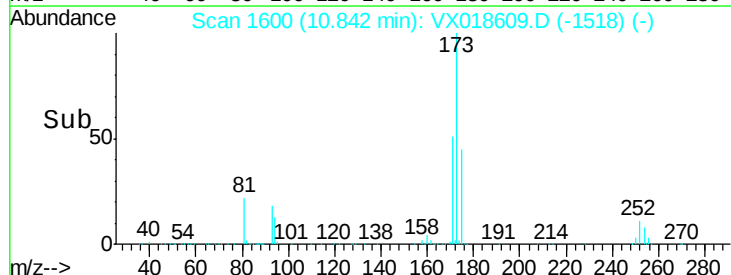
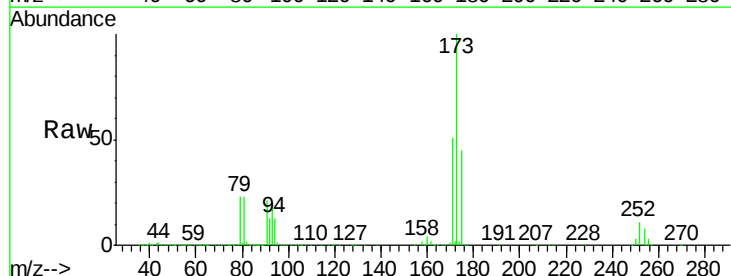
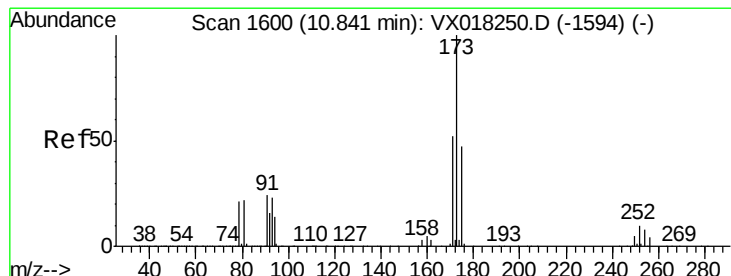
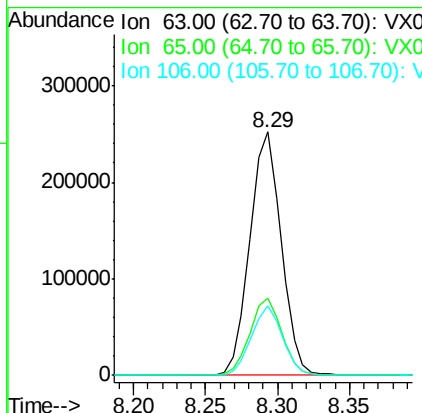
Acq: 25 Sep 2020 20:24

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.2	26.0	39.0
106	28.3	22.3	33.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Manual Integrations
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#56

Bromoform

Concen: 20.386 ug/l

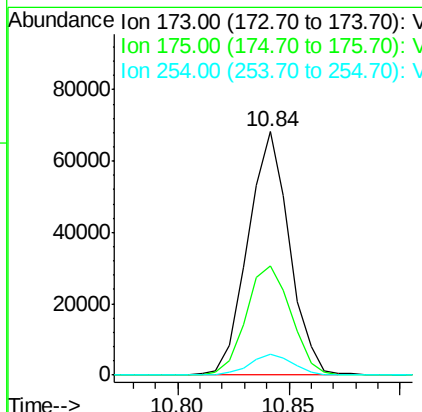
RT: 10.84 min Scan# 1600

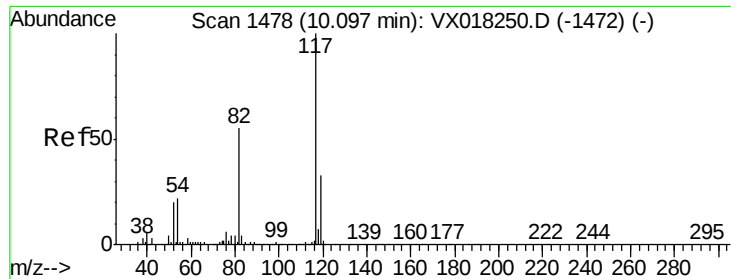
Delta R.T. 0.00 min

Lab File: VX018609.D

Acq: 25 Sep 2020 20:24

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.5	40.2	60.2
254	8.9	7.3	10.9





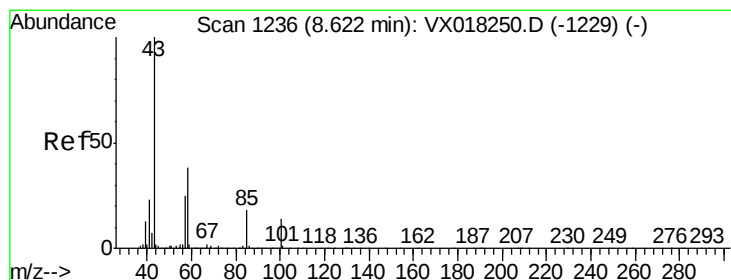
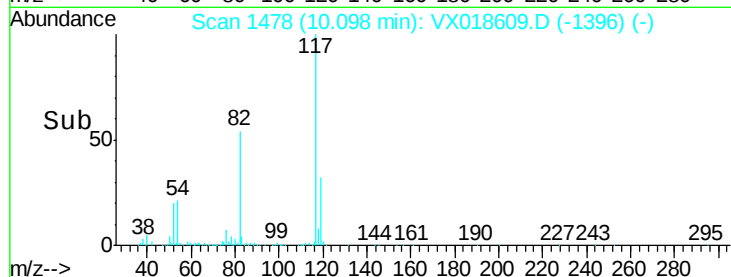
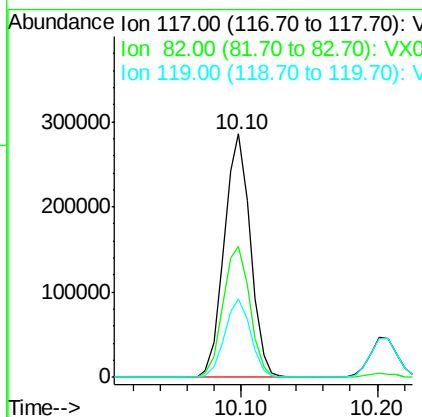
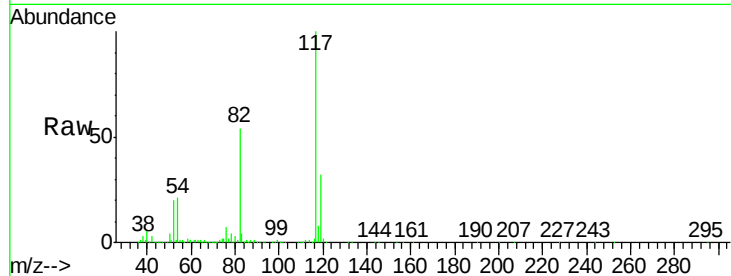
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018609.D
Acq: 25 Sep 2020 20:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	382871		
82	54.9	44.2	66.4	
119	31.8	26.1	39.1	

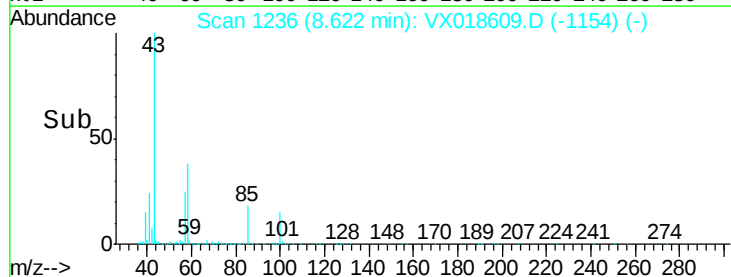
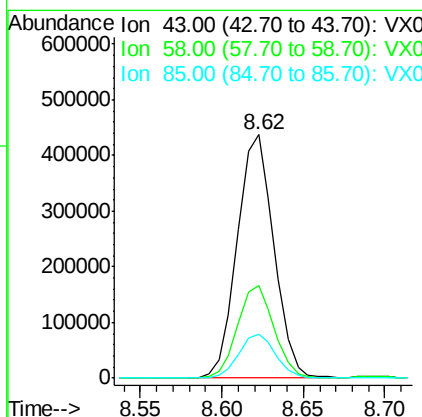
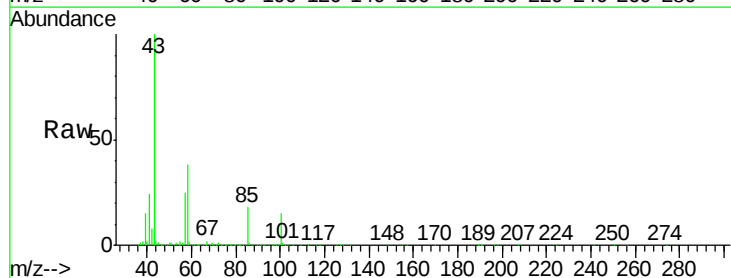
Manual Integrations
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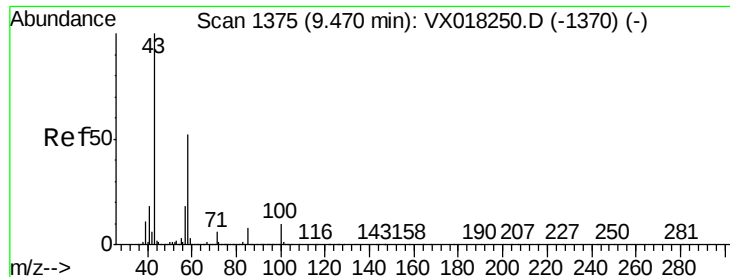
MMDadoda
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#58
4-Methyl-2-Pentanone
Concen: 103.801 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX018609.D
Acq: 25 Sep 2020 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	683562		
58	38.0	30.0	45.0	
85	18.1	14.2	21.4	





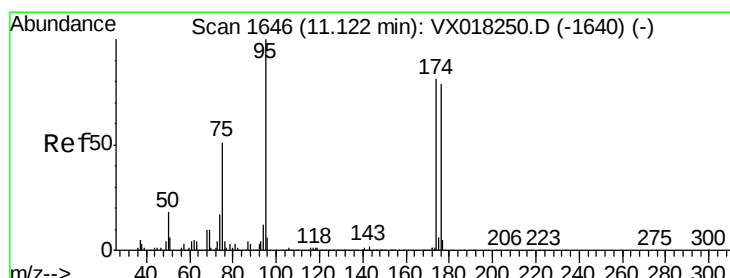
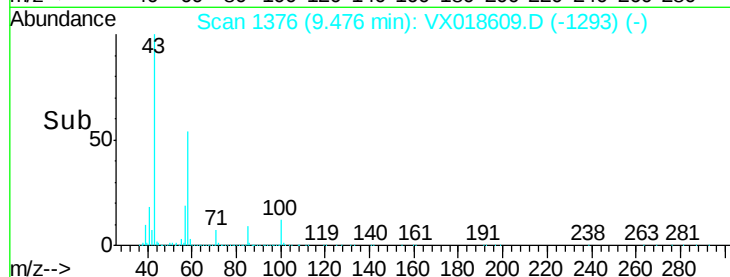
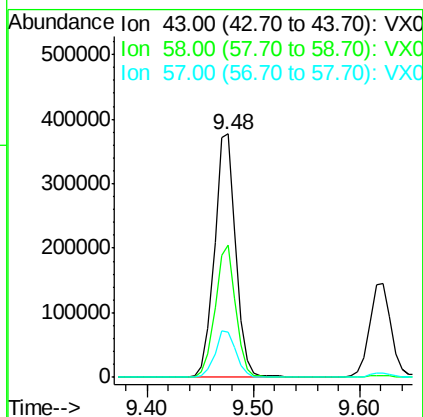
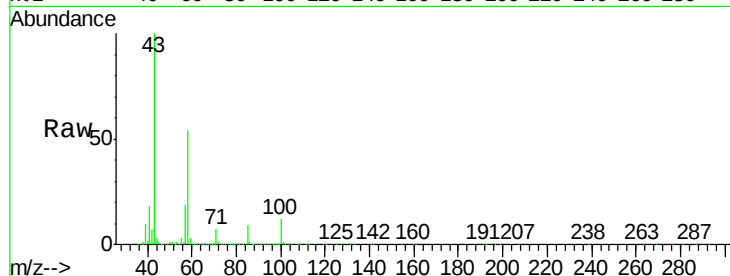
#59
2-Hexanone
Concen: 103.225 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX018609.D
Acq: 25 Sep 2020 20:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	52.4	42.5	63.7
57	18.9	14.8	22.2

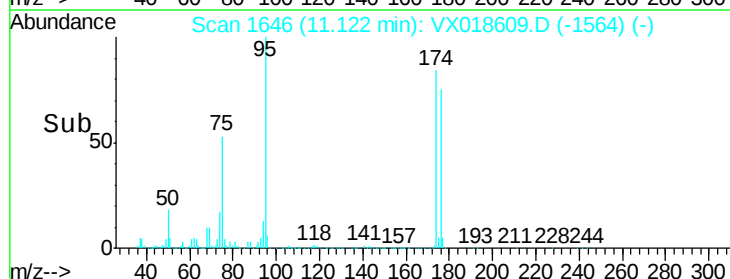
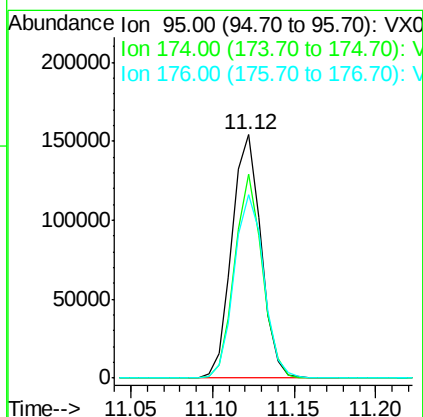
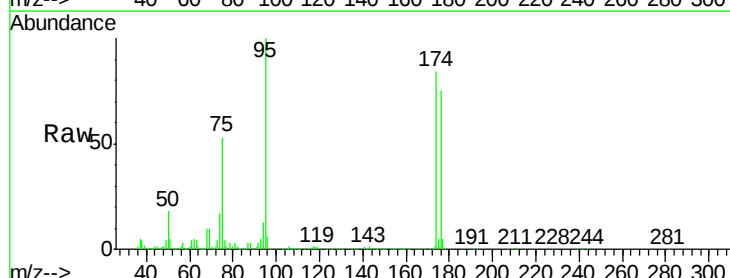
Manual Integrations
APPROVED

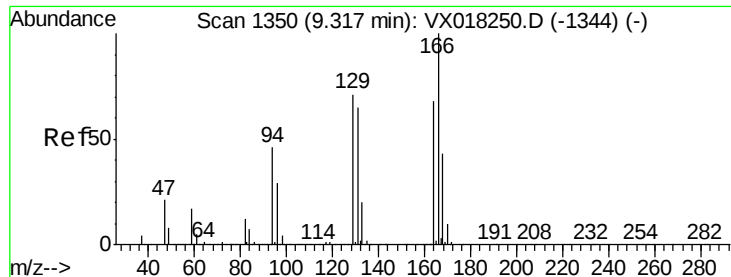
MMDadoda
9/28/2020 12:51:42 PM



#60
4-Bromofluorobenzene
Concen: 28.892 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX018609.D
Acq: 25 Sep 2020 20:24

Tgt Ion	Ratio	Lower	Upper
95	100		
174	78.8	64.2	96.4
176	77.2	62.2	93.4





#61

Tetrachloroethene

Concen: 18.403 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX018609.D

Acq: 25 Sep 2020 20:24

Instrument :

MSVOA_X

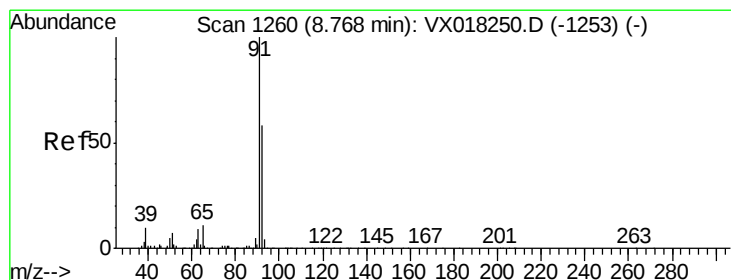
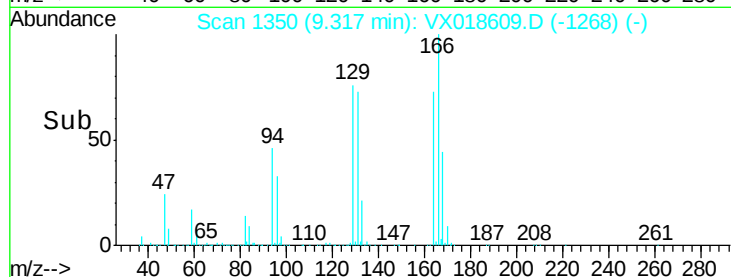
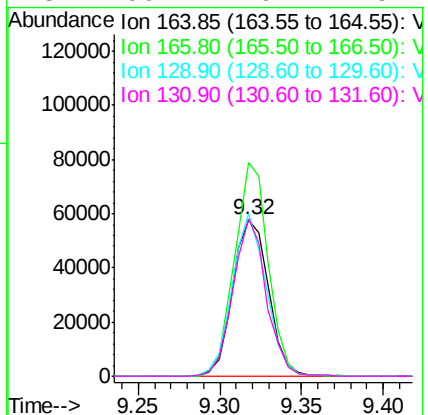
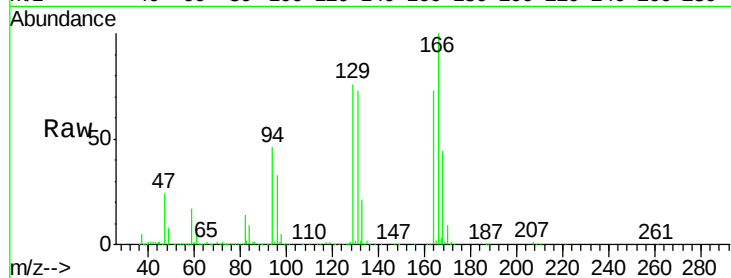
ClientSampleId :

VSTDCCC020EC

Tot Ion:	164	Resp:	87877
Ion	Ratio	Lower	Upper
164	100		
166	136.1	117.4	176.0
129	103.8	82.7	124.1
131	100.1	76.7	115.1

Manual Integrations
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#62

Toluene

Concen: 19.900 ug/l

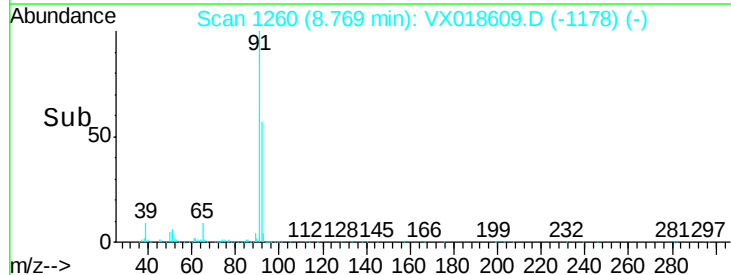
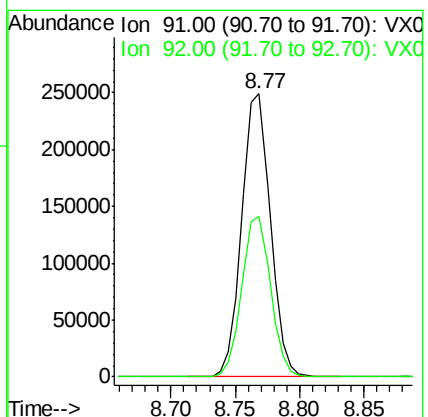
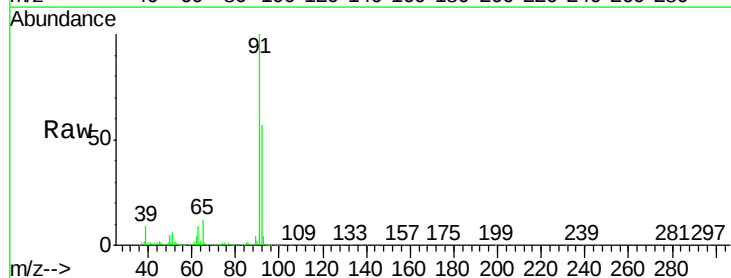
RT: 8.77 min Scan# 1260

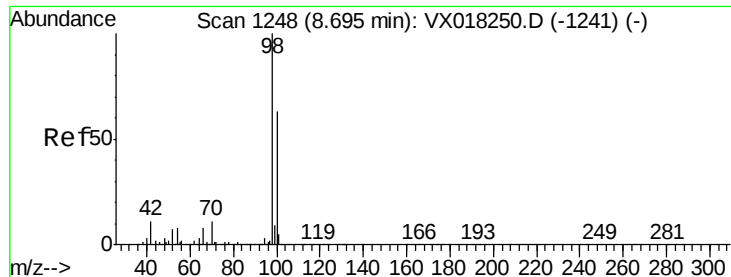
Delta R.T. 0.00 min

Lab File: VX018609.D

Acq: 25 Sep 2020 20:24

Tgt Ion:	91	Resp:	383438
Ion	Ratio	Lower	Upper
91	100		
92	56.9	46.9	70.3





#63

Toluene-d8

Concen: 28.917 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX018609.D

Acq: 25 Sep 2020 20:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 98 Resp: 487991

Ion Ratio Lower Upper

98 100

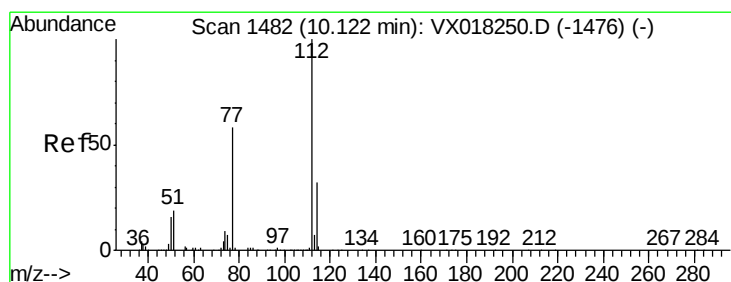
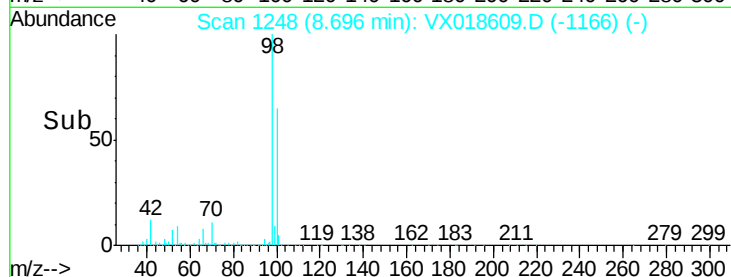
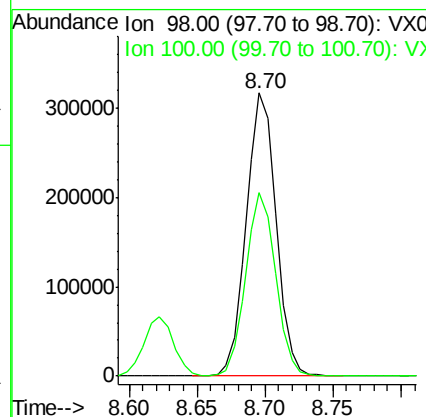
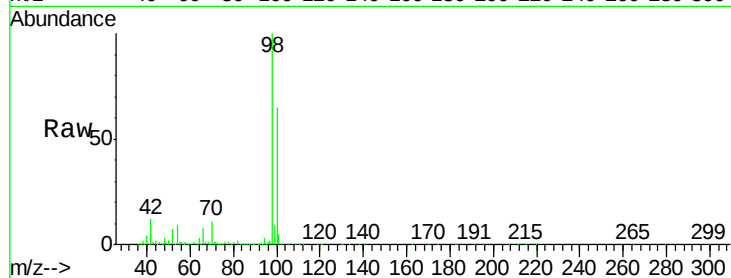
100 64.7 51.4 77.0

Manual Integrations

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#64

Chlorobenzene

Concen: 19.922 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX018609.D

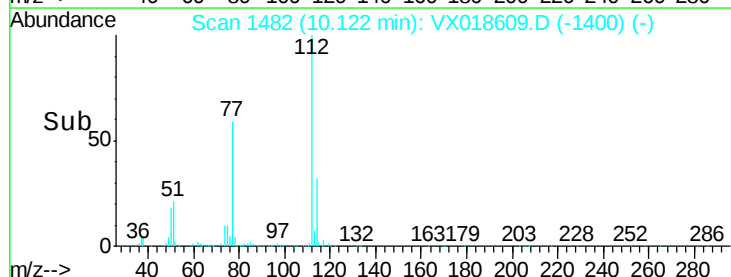
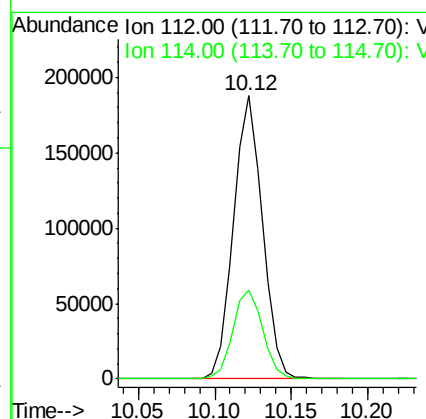
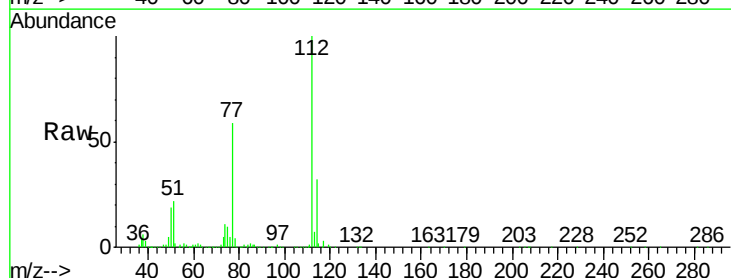
Acq: 25 Sep 2020 20:24

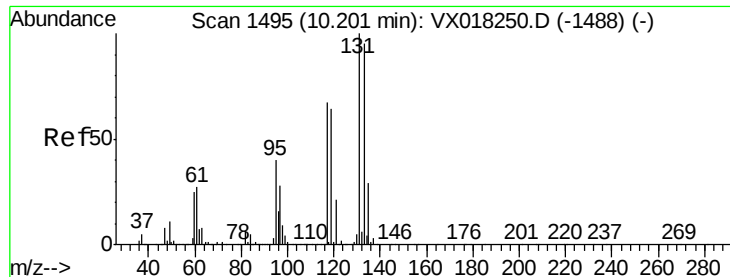
Tgt Ion: 112 Resp: 246679

Ion Ratio Lower Upper

112 100

114 31.6 25.8 38.8





#65

1,1,1,2-Tetrachloroethane

Concen: 20.177 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VX018609.D

Acq: 25 Sep 2020 20:24

Instrument :

MSVOA_X

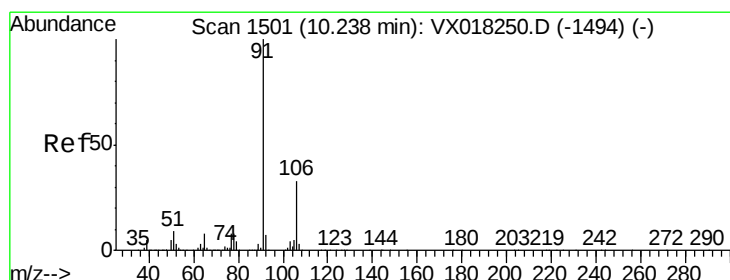
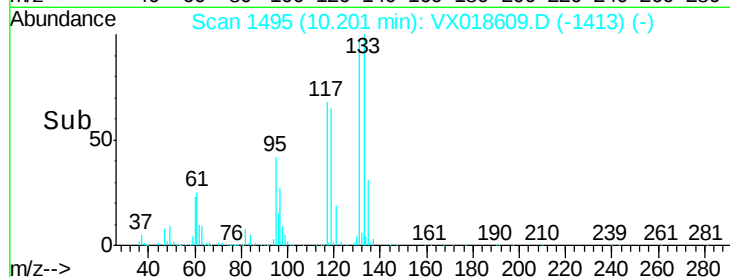
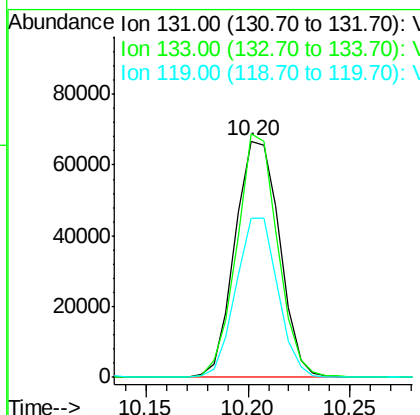
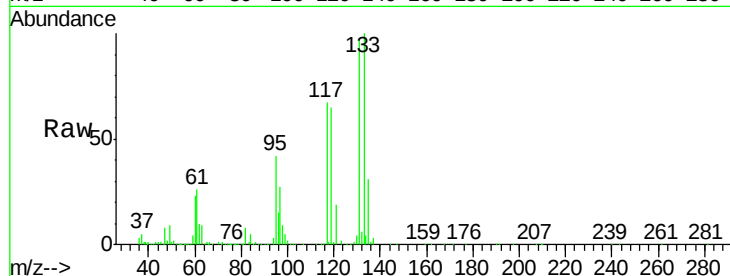
ClientSampleId :

VSTDCCC020EC

Tot Ion:	131	Resp:	101184
Ion Ratio	Lower	Upper	
131	100		
133	94.7	0.0	197.2
119	63.0	0.0	129.8

Manual Integrations
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#66

Ethyl Benzene

Concen: 19.292 ug/l

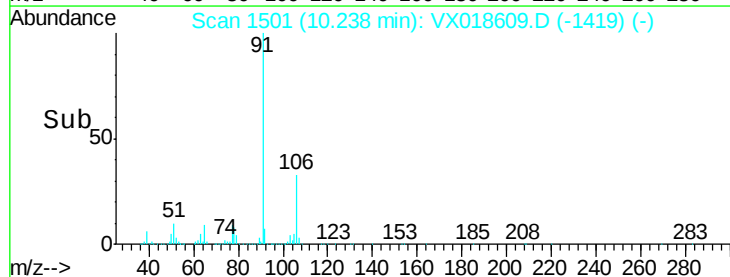
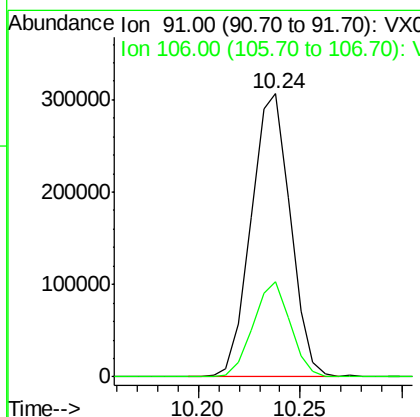
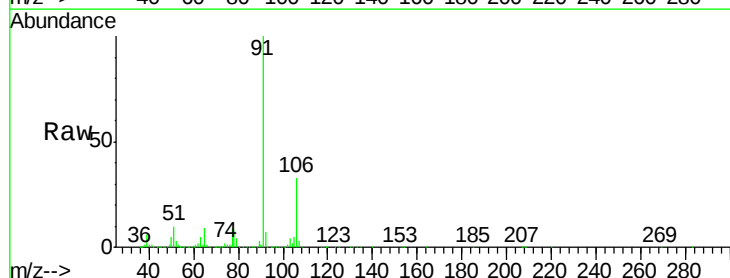
RT: 10.24 min Scan# 1501

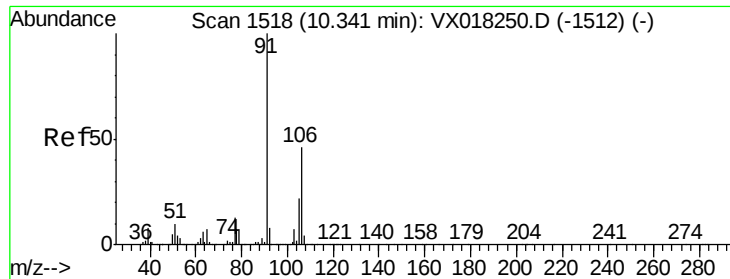
Delta R.T. 0.00 min

Lab File: VX018609.D

Acq: 25 Sep 2020 20:24

Tgt Ion:	91	Resp:	410754
Ion Ratio	Lower	Upper	
91	100		
106	33.4	26.3	39.5





#67

m/p-Xylenes

Concen: 39.406 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018609.D

Acq: 25 Sep 2020 20:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:106 Resp: 320851

Ion Ratio Lower Upper

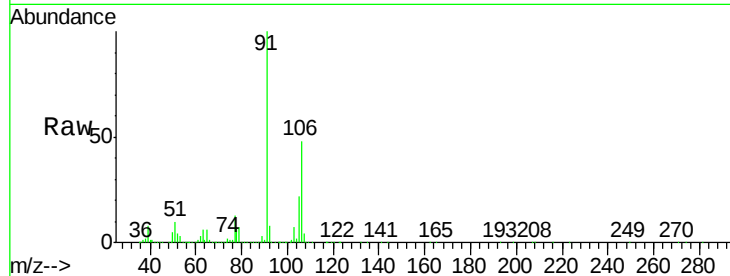
106 100

91 206.3 166.2 249.2

Manual Integrations
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

600000

500000

400000

300000

200000

100000

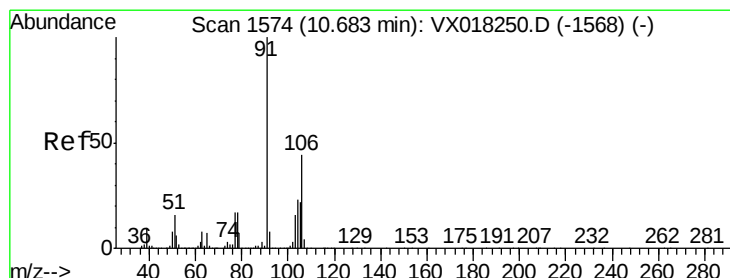
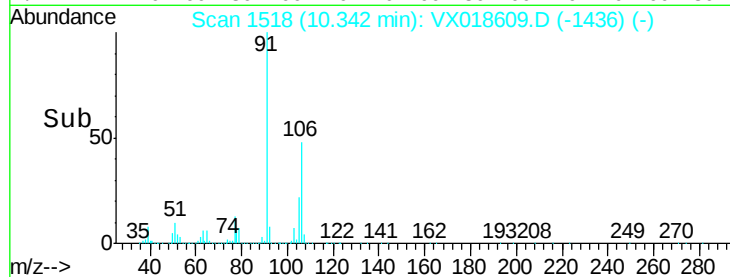
0

10.34

10.35

10.40

Time-->



#68

o-Xylene

Concen: 19.927 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX018609.D

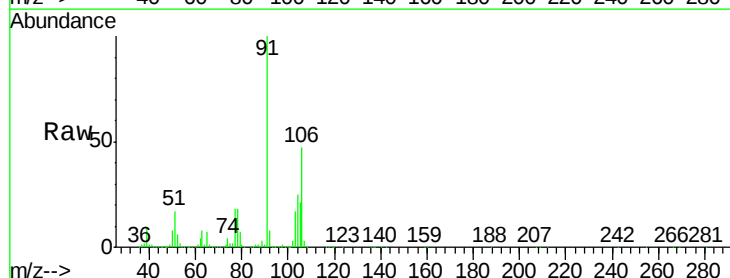
Acq: 25 Sep 2020 20:24

Tgt Ion:106 Resp: 153309

Ion Ratio Lower Upper

106 100

91 216.8 109.2 327.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

300000

250000

200000

150000

100000

50000

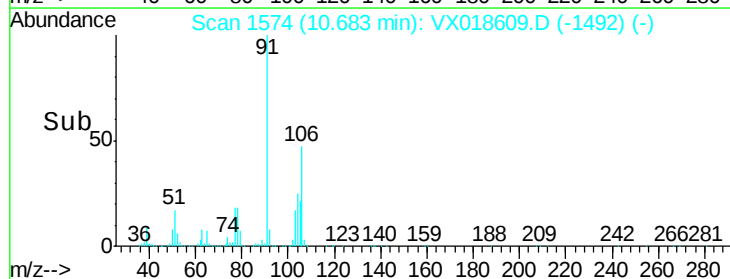
0

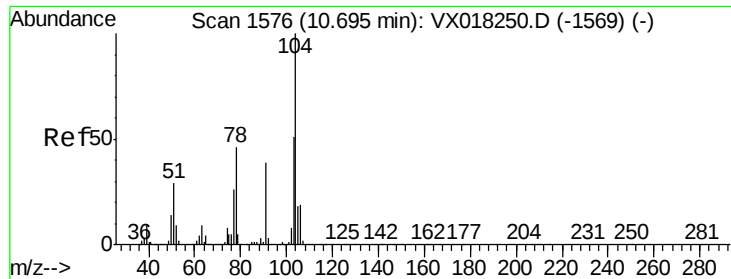
10.68

10.70

10.75

Time-->





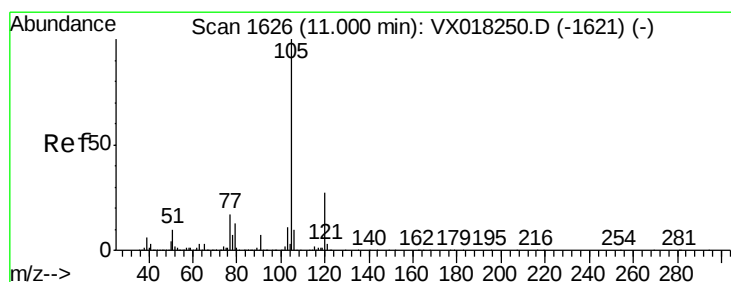
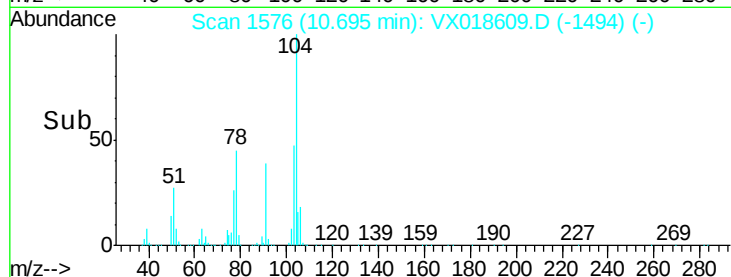
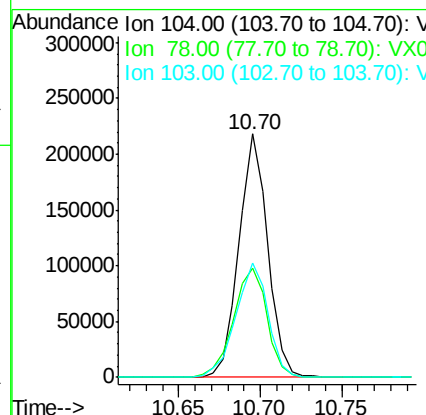
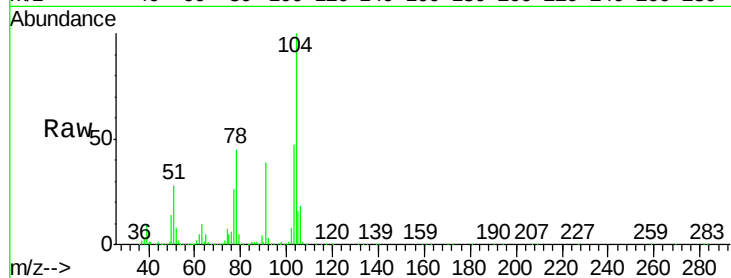
#69
Stvrene
Concen: 20.025 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018609.D
Acq: 25 Sep 2020 20:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
104	100		268791		
78	52.3	41.7	62.5		
103	52.8	44.2	66.2		

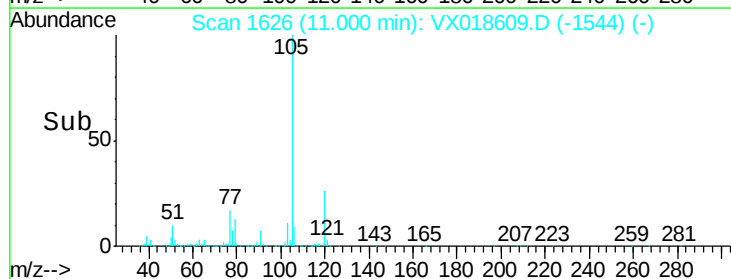
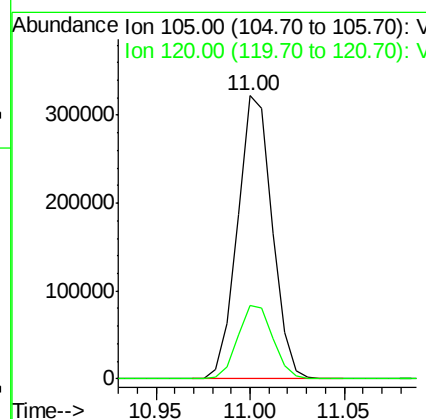
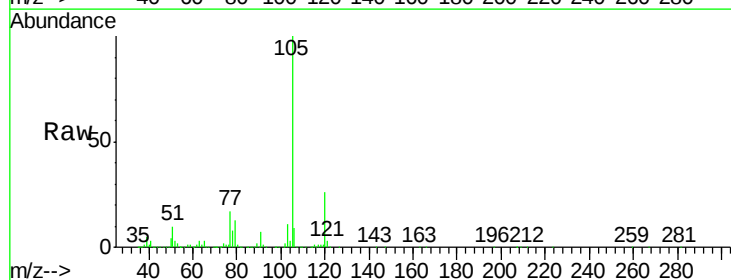
Manual Integrations
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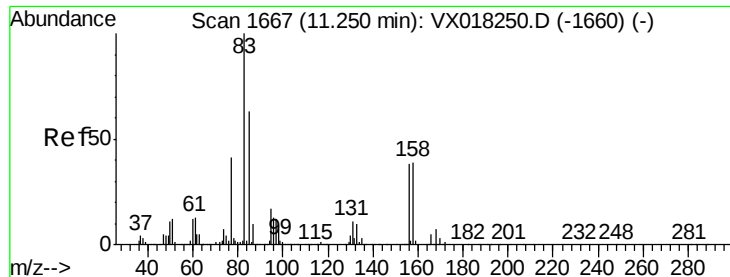
MMDadoda
9/28/2020 12:51:42 PM



#70
Isopropylbenzene
Concen: 19.197 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX018609.D
Acq: 25 Sep 2020 20:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		410725		
120	26.5	18.7	34.7		





#71

1,1,2,2-Tetrachloroethane

Concen: 20.957 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018609.D

Acq: 25 Sep 2020 20:24

Instrument :

MSVOA_X

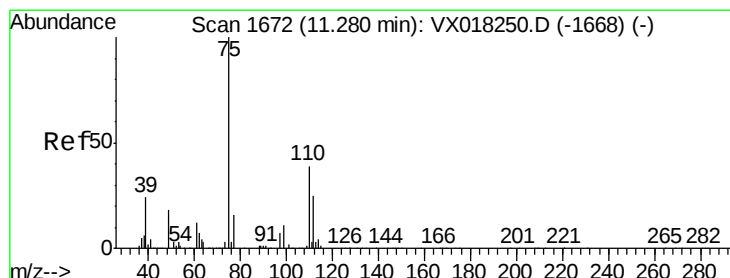
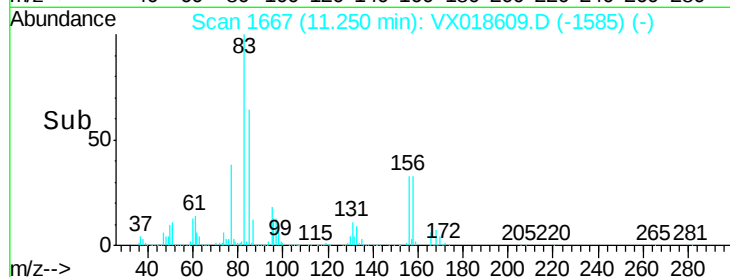
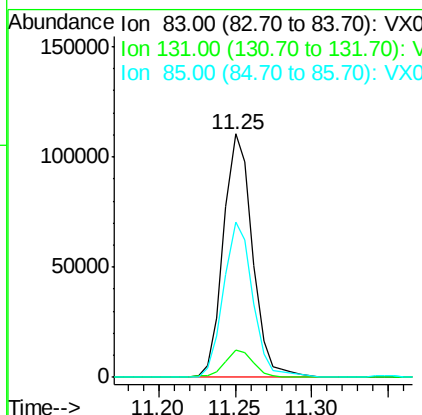
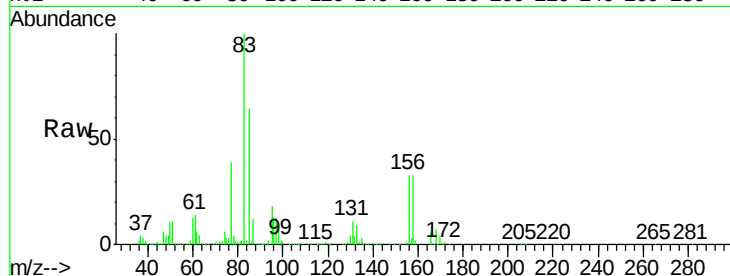
ClientSampleId :

VSTDCCC020EC

Tot Ion:	83	Resp:	146524
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.8	17.3
85	64.0	31.3	93.9

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#72

1,2,3-Trichloropropane

Concen: 20.014 ug/l m

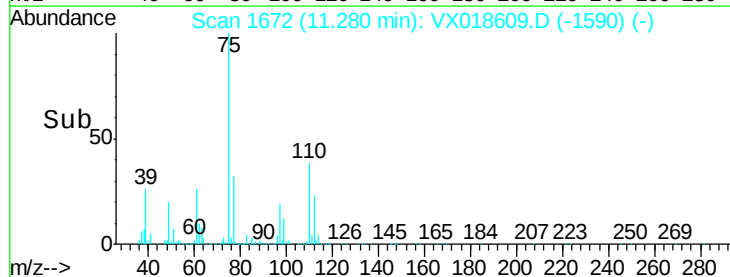
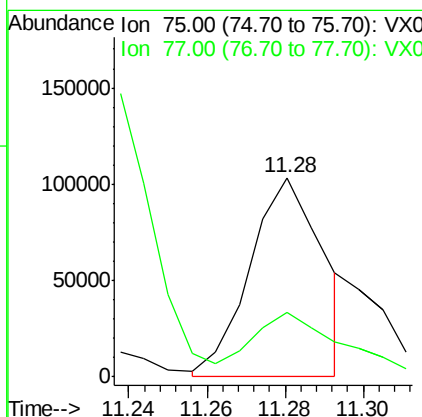
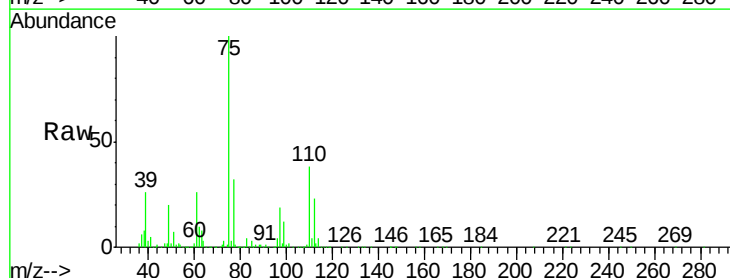
RT: 11.28 min Scan# 1672

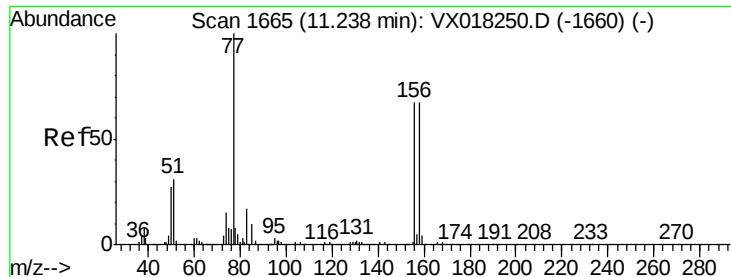
Delta R.T. 0.00 min

Lab File: VX018609.D

Acq: 25 Sep 2020 20:24

Tgt Ion:	75	Resp:	134441
Ion Ratio	Lower	Upper	
75	100		
77	39.7	0.0	74.8





#73

Bromobenzene

Concen: 18.727 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018609.D

Acq: 25 Sep 2020 20:24

Instrument :

MSVOA_X

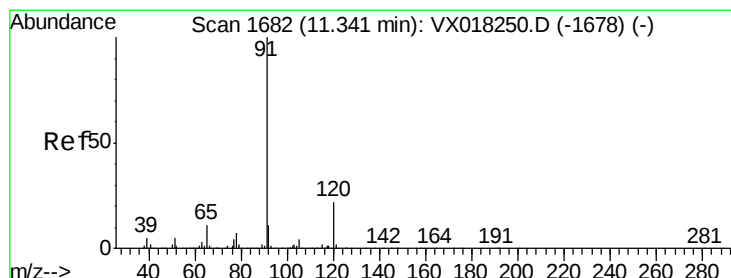
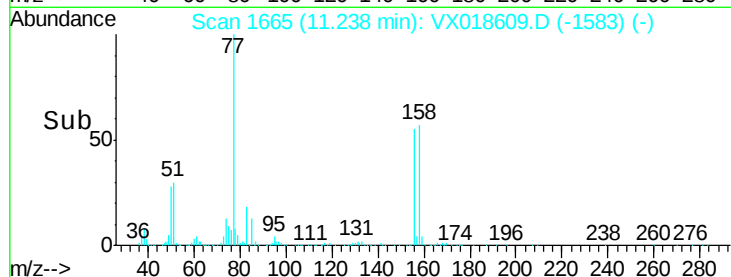
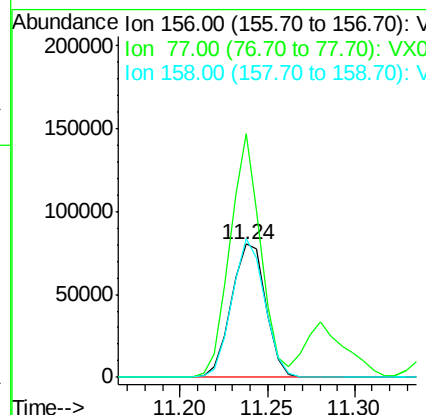
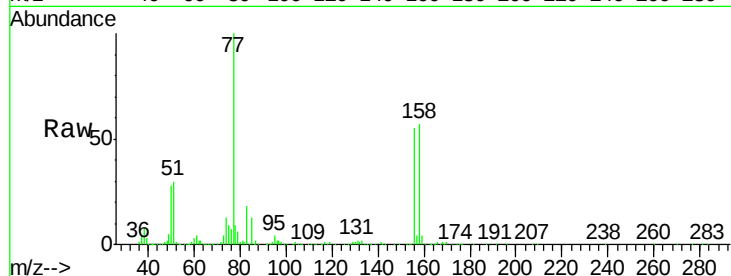
ClientSampleId :

VSTDCCC020EC

Tot Ion:	156	Resp:	109764
Ion Ratio	Lower	Upper	
156	100		
77	163.3	0.0	311.0
158	98.8	0.0	194.4

Manual Integrations
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#74

n-propylbenzene

Concen: 18.861 ug/l

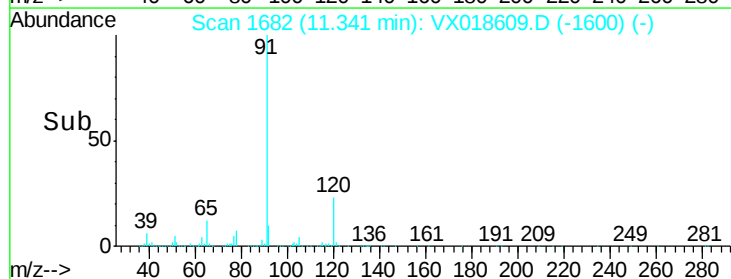
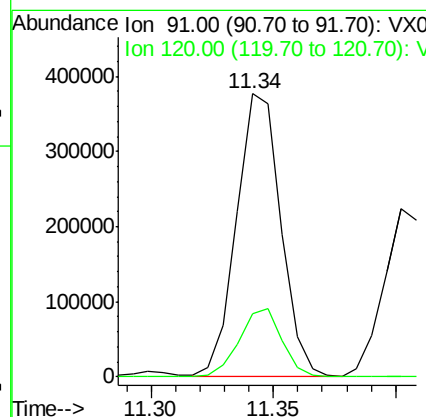
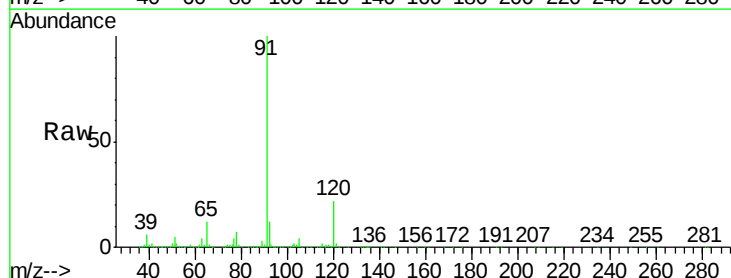
RT: 11.34 min Scan# 1682

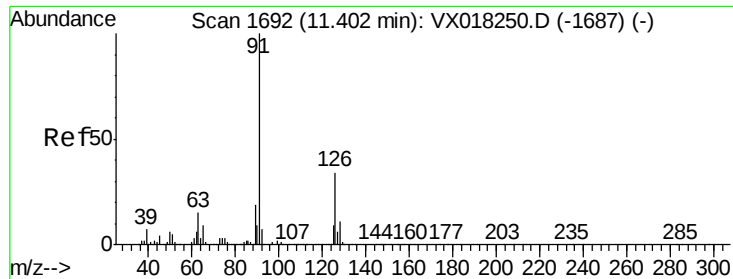
Delta R.T. 0.00 min

Lab File: VX018609.D

Acq: 25 Sep 2020 20:24

Tgt Ion:	91	Resp:	475152
Ion Ratio	Lower	Upper	
91	100		
120	23.2	0.0	45.4





#75

2-Chlorotoluene

Concen: 18.772 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX018609.D

Acq: 25 Sep 2020 20:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 91 Resp: 286623

Ion Ratio Lower Upper

91 100

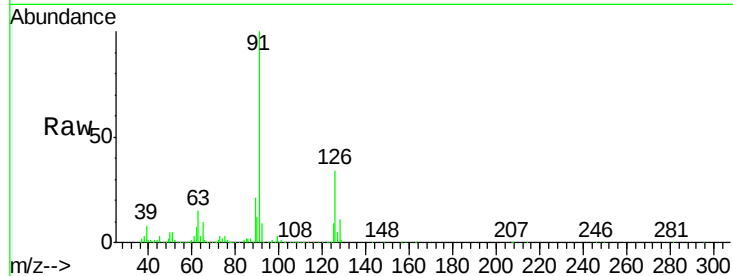
126 34.2 0.0 68.4

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX018250.D (-1687) (-)

Ion 126.00 (125.70 to 126.70): VX018250.D (-1687) (-)

400000

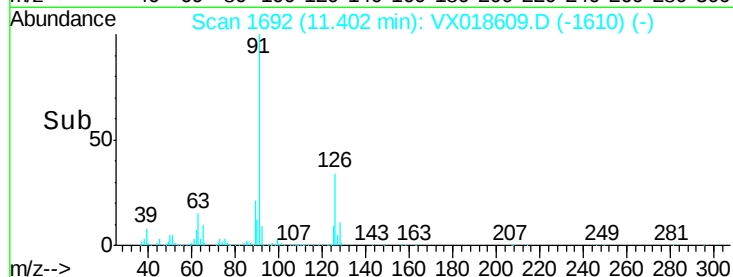
300000

200000

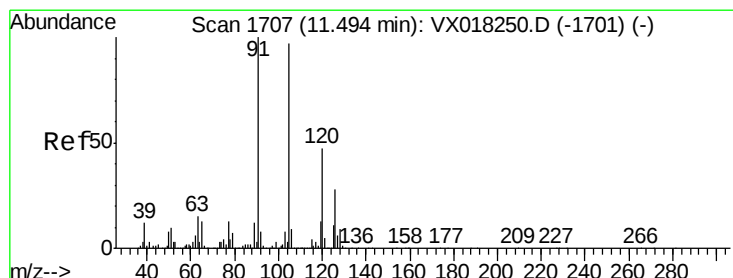
100000

0

11.35 11.40 11.45



Time-->



#76

1,3,5-Trimethylbenzene

Concen: 18.765 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX018609.D

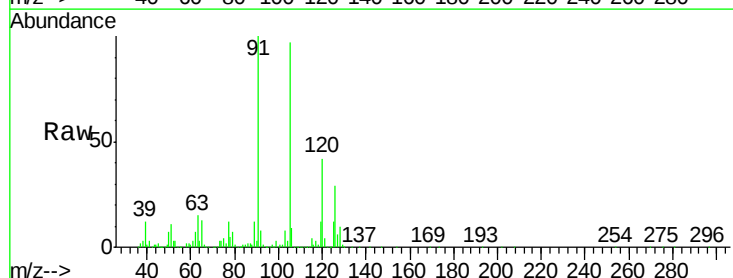
Acq: 25 Sep 2020 20:24

Tgt Ion: 105 Resp: 349752

Ion Ratio Lower Upper

105 100

120 46.7 0.0 95.0



Abundance Ion 105.00 (104.70 to 105.70): VX018250.D (-1701) (-)

Ion 120.00 (119.70 to 120.70): VX018250.D (-1701) (-)

300000

250000

200000

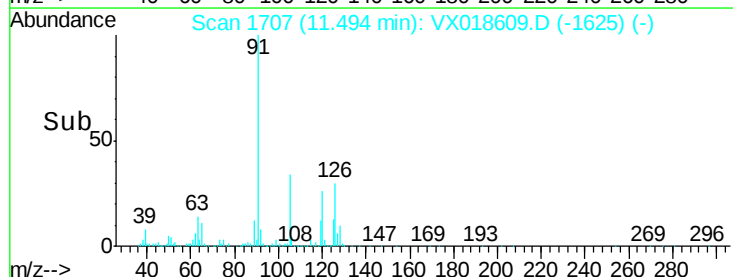
150000

100000

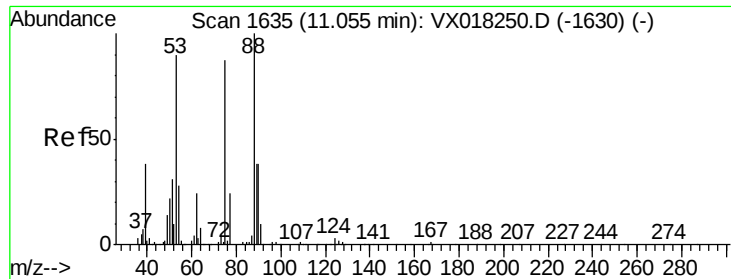
50000

0

11.45 11.50



Time-->



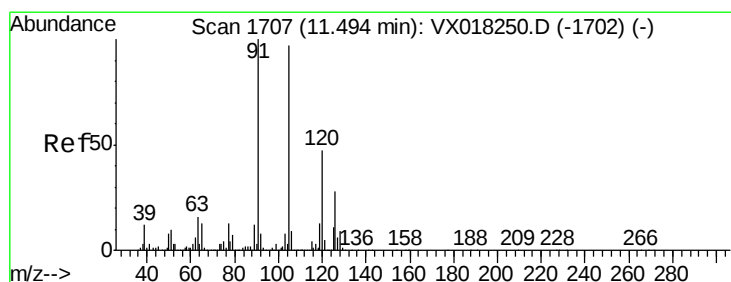
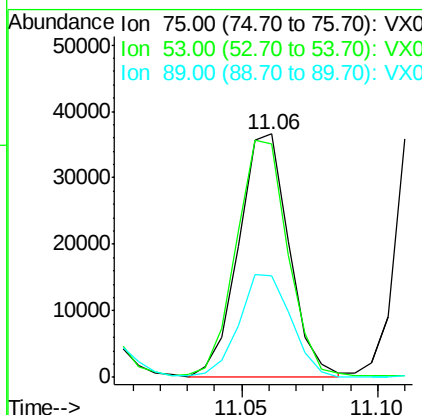
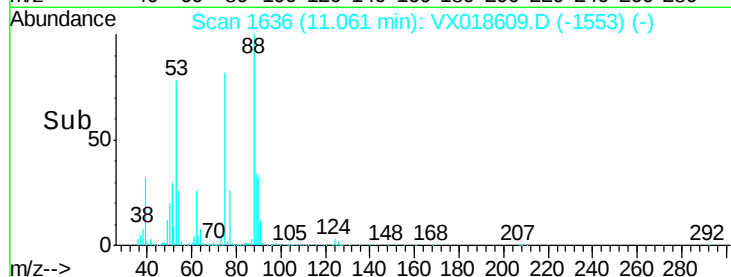
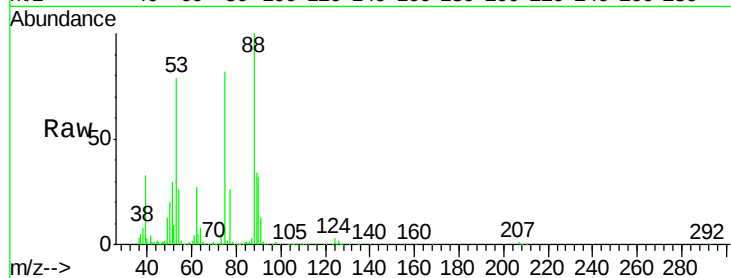
#77
t-1,4-Dichloro-2-butene
Concen: 17.986 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VX018609.D
Acq: 25 Sep 2020 20:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	95.1	52.1	156.4
89	41.7	22.1	66.3

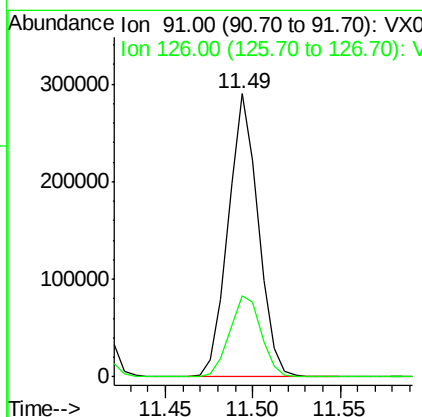
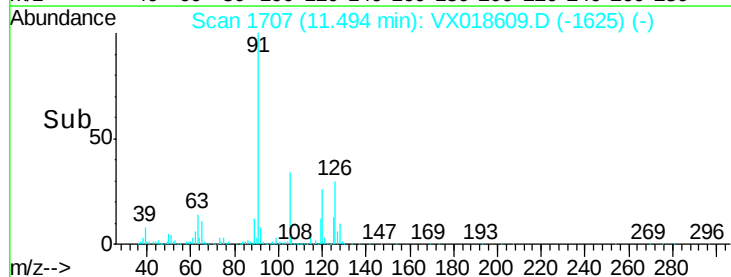
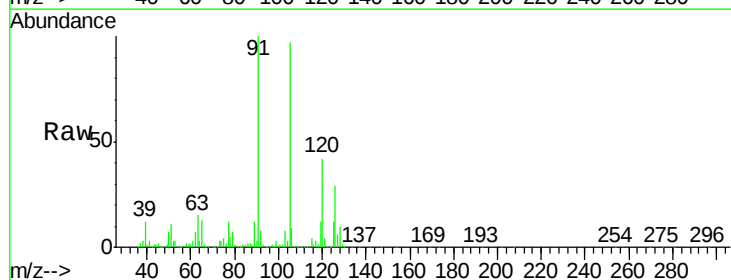
Manual Integrations
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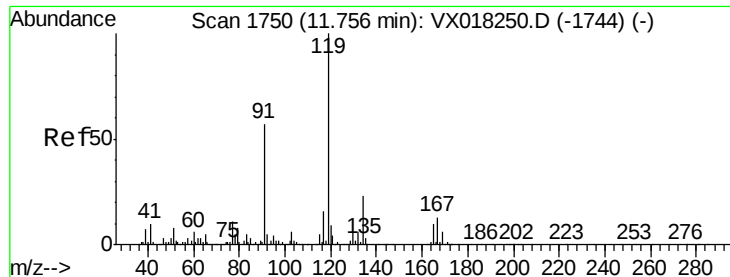
MMDadoda
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#78
4-Chlorotoluene
Concen: 18.987 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX018609.D
Acq: 25 Sep 2020 20:24

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.1	0.0	59.2





#79

tert-butylbenzene

Concen: 19.095 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX018609.D

Acq: 25 Sep 2020 20:24

Instrument :

MSVOA_X

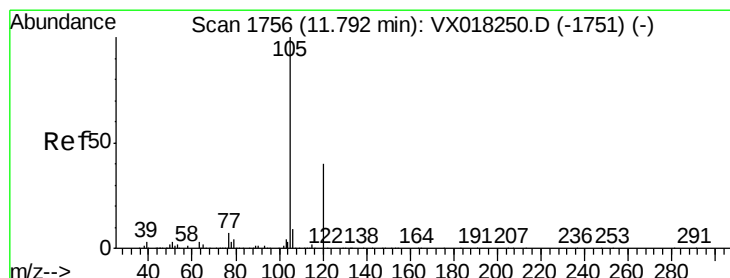
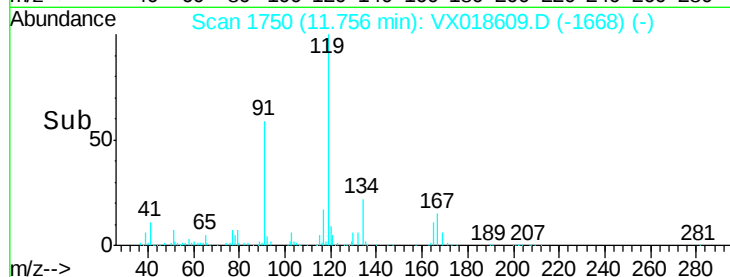
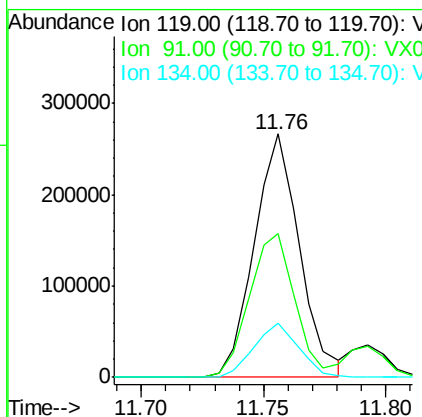
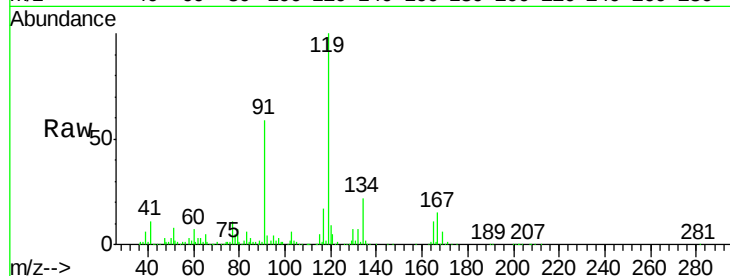
ClientSampleId :

VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	342854		
91	58.8	0.0	111.8	
134	21.9	0.0	42.4	

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#80

1,2,4-Trimethylbenzene

Concen: 19.130 ug/l

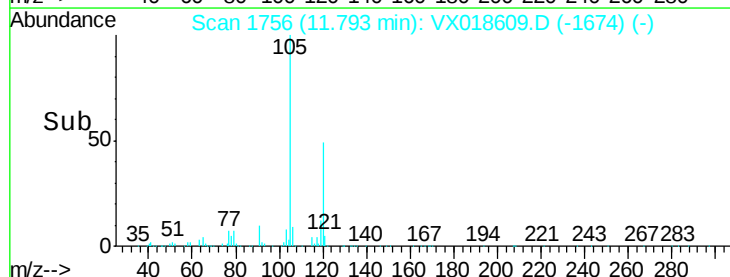
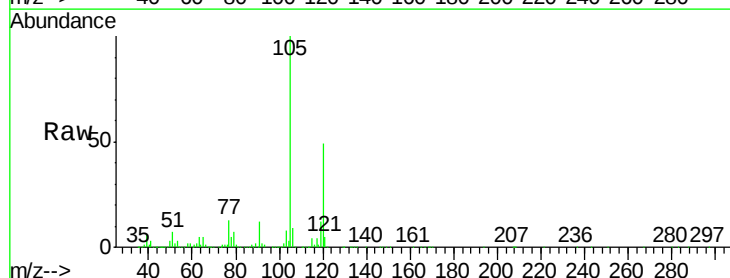
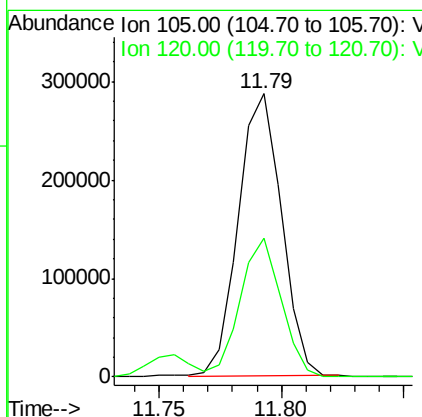
RT: 11.79 min Scan# 1756

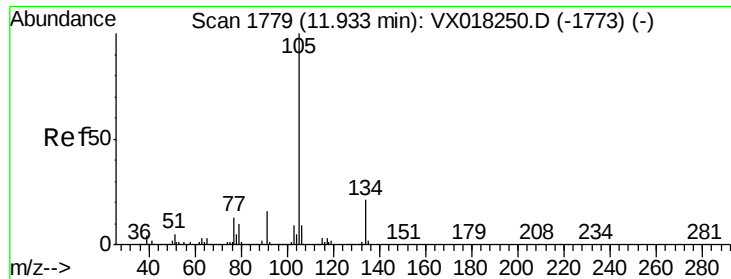
Delta R.T. 0.00 min

Lab File: VX018609.D

Acq: 25 Sep 2020 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	352648		
120	46.8	0.0	89.2	





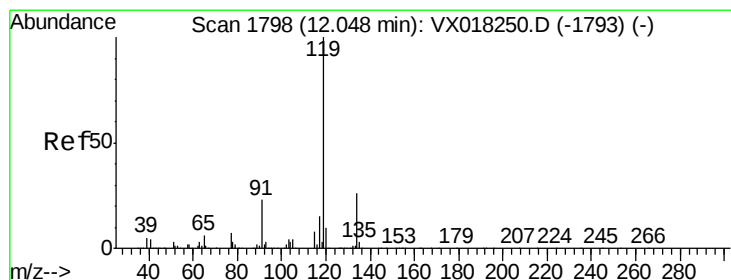
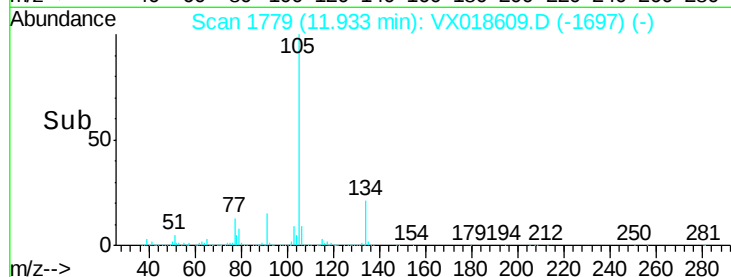
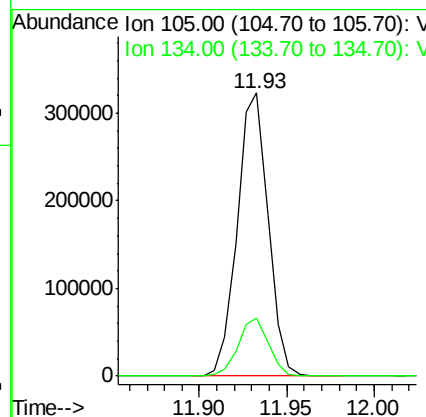
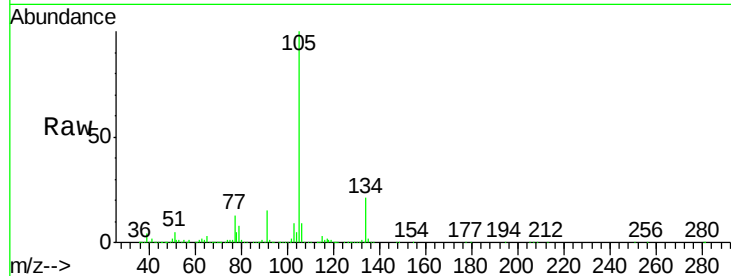
#81
 sec-Butylbenzene
 Concen: 18.905 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX018609.D
 Acq: 25 Sep 2020 20:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
105	100	396481		
134	20.2	0.0	40.0	

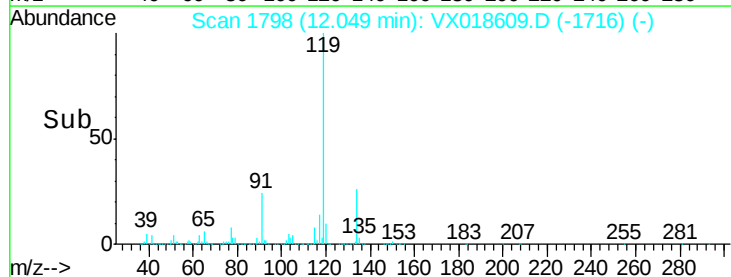
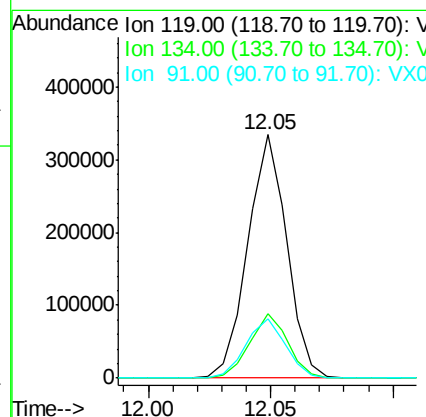
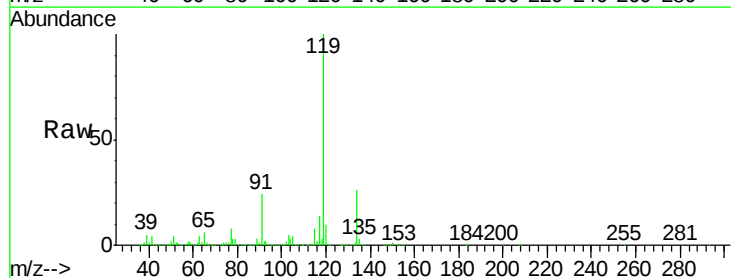
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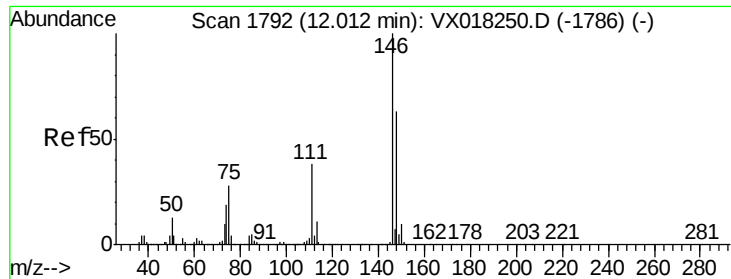
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#82
 p-Isopropyltoluene
 Concen: 19.006 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX018609.D
 Acq: 25 Sep 2020 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	371651		
134	26.0	0.0	53.0	
91	25.0	0.0	49.8	





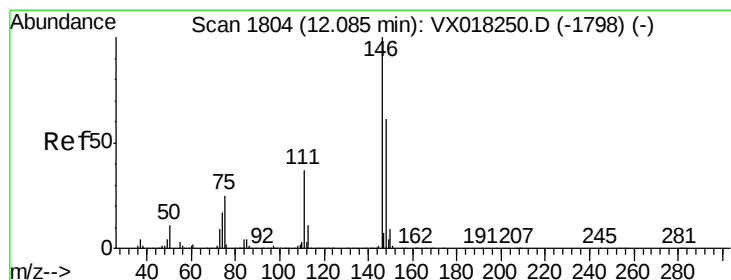
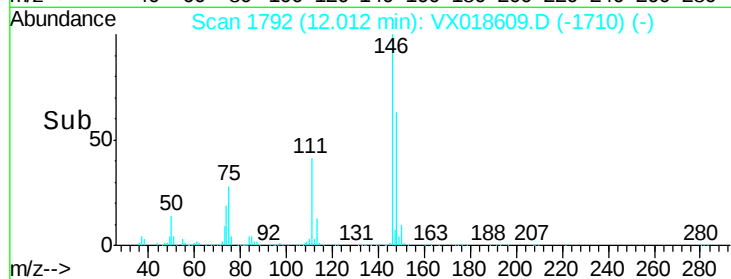
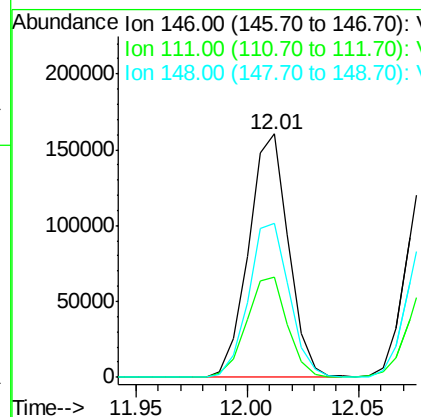
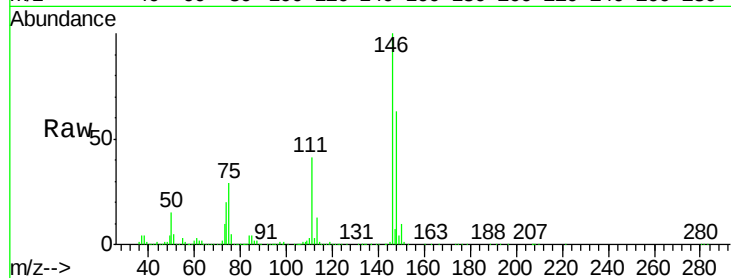
#83
 1,3-Dichlorobenzene
 Concen: 19.107 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX018609.D
 Acq: 25 Sep 2020 20:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.1	20.0	59.9
148	65.0	32.1	96.3

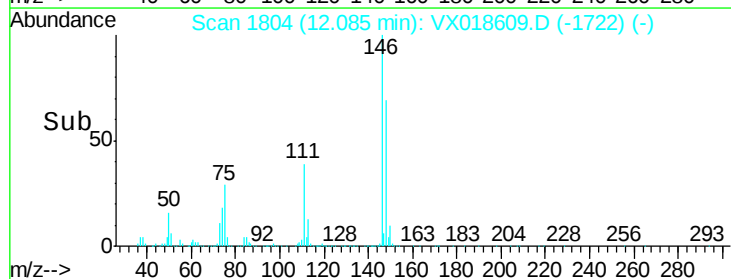
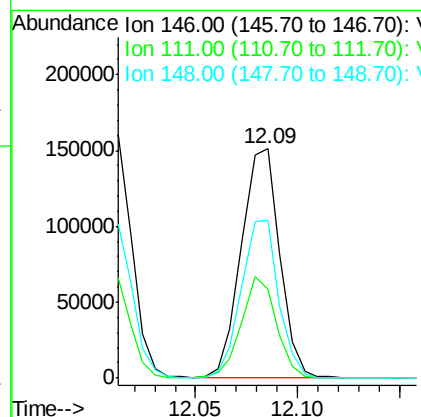
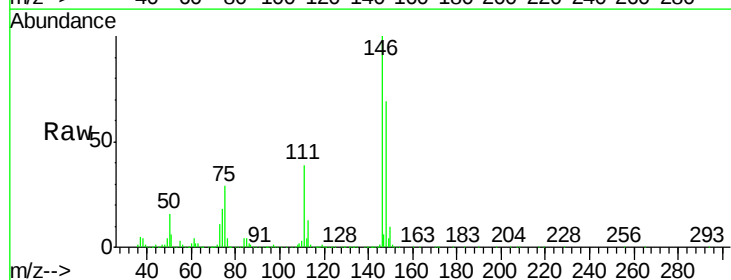
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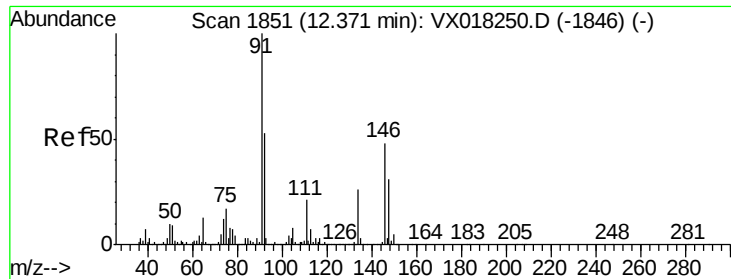
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#84
 1,4-Dichlorobenzene
 Concen: 18.937 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VX018609.D
 Acq: 25 Sep 2020 20:24

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.4	19.3	57.8
148	66.7	31.7	95.1





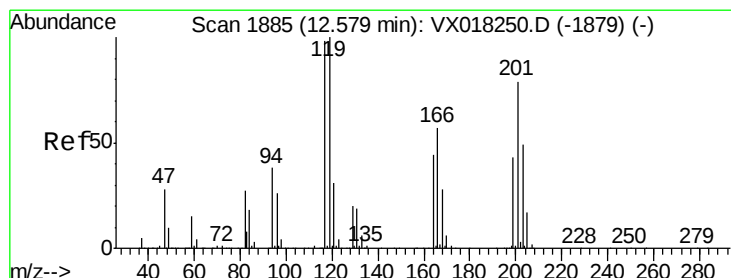
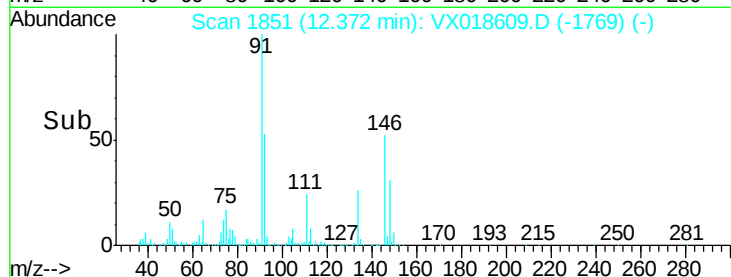
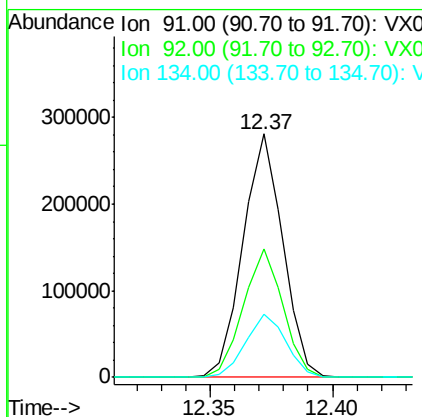
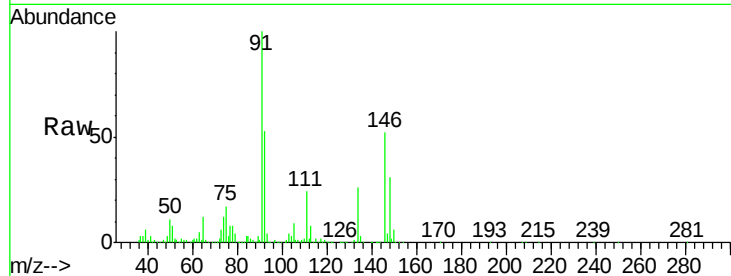
#85
n-Butylbenzene
Concen: 18.535 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX018609.D
Acq: 25 Sep 2020 20:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100	319089		
92	52.6	0.0	105.0	
134	26.3	0.0	51.0	

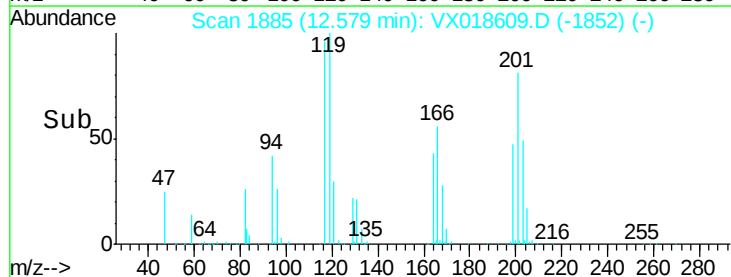
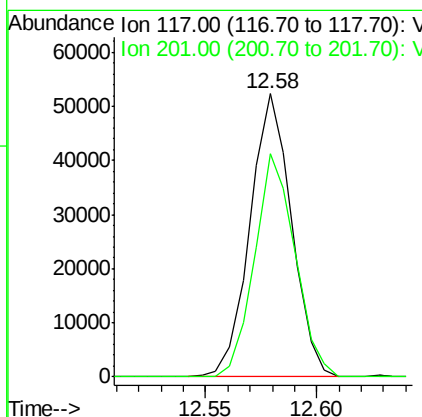
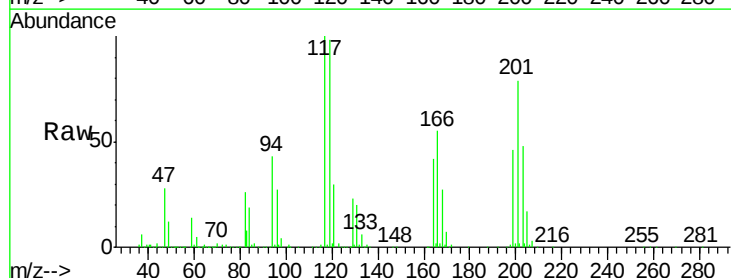
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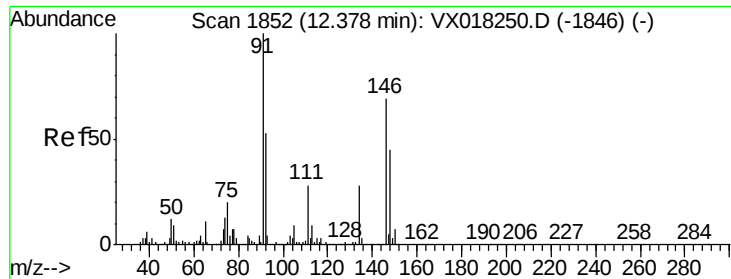
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#86
Hexachloroethane
Concen: 17.545 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX018609.D
Acq: 25 Sep 2020 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	67548		
201	77.5	39.6	118.8	





#87

1,2-Dichlorobenzene

Concen: 20.526 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX018609.D

Acq: 25 Sep 2020 20:24

Instrument :

MSVOA_X

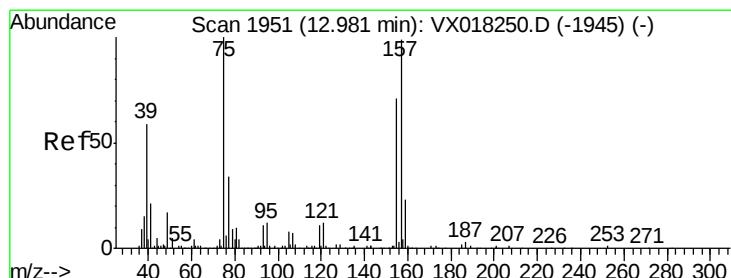
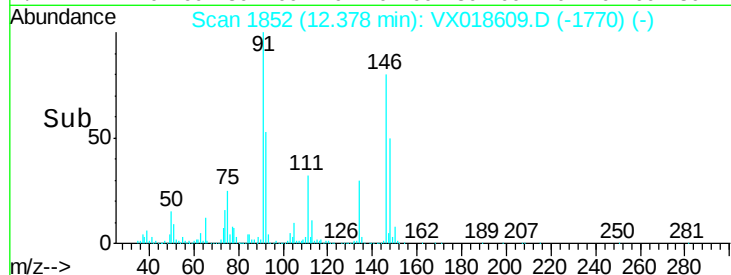
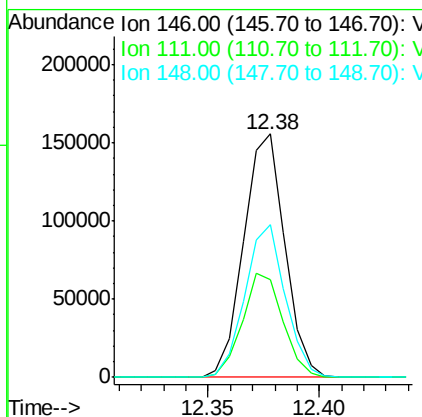
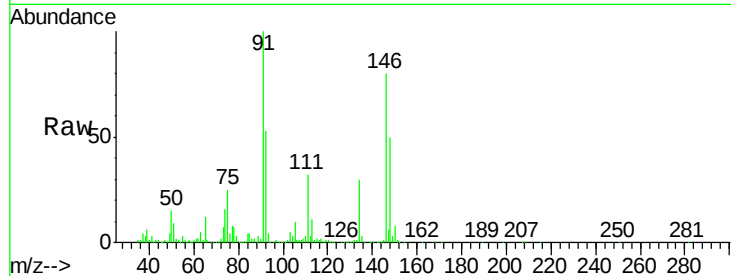
ClientSampleId :

VSTDCCC020EC

Tot Ion:	146	Resp:	201431
Ion Ratio	Lower	Upper	
146	100		
111	42.2	21.4	64.3
148	61.3	32.0	96.2

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#88

1,2-Dibromo-3-Chloropropane

Concen: 19.699 ug/l

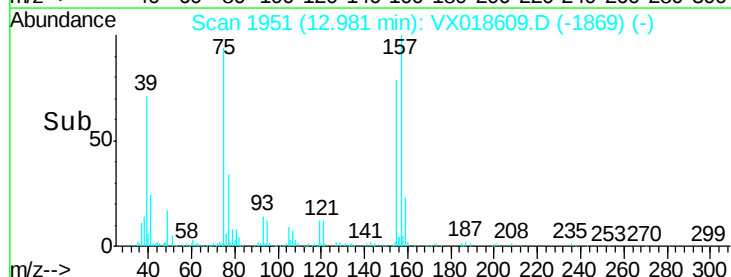
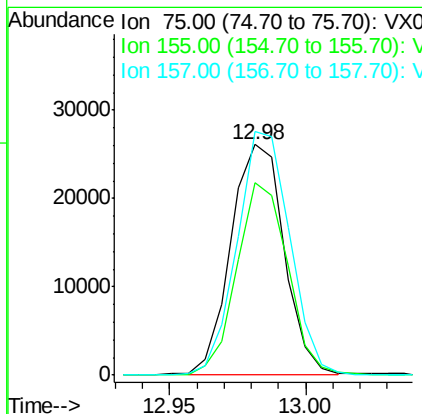
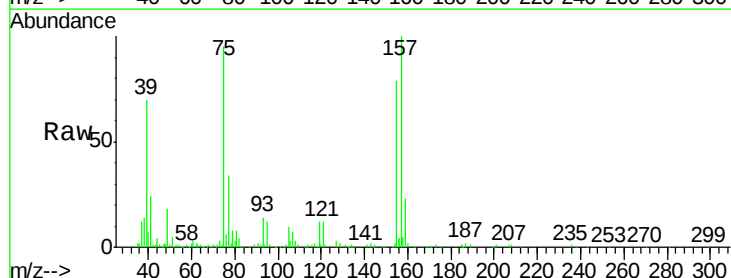
RT: 12.98 min Scan# 1951

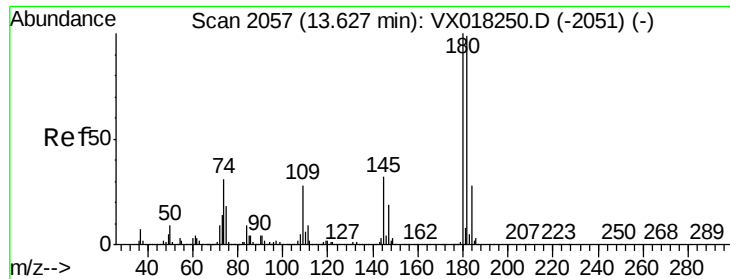
Delta R.T. 0.00 min

Lab File: VX018609.D

Acq: 25 Sep 2020 20:24

Tgt Ion:	75	Resp:	35234
Ion Ratio	Lower	Upper	
75	100		
155	80.3	63.4	95.2
157	105.5	87.0	130.6





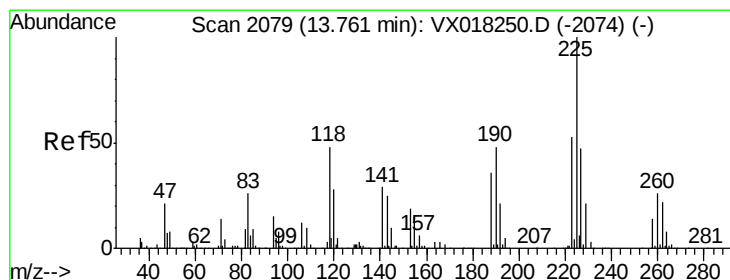
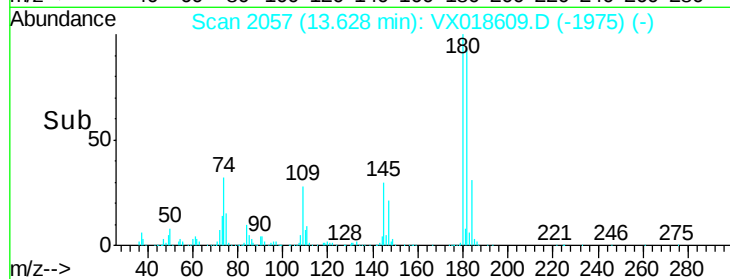
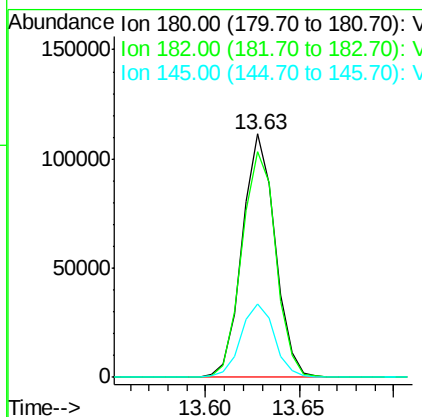
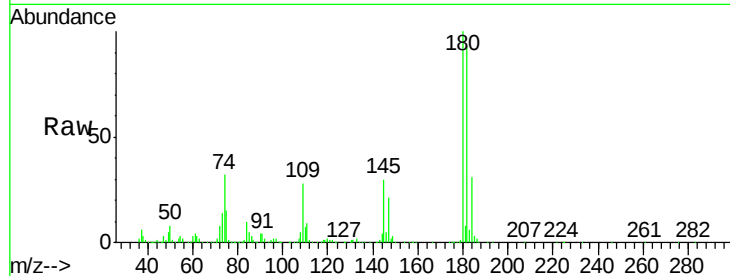
#89
 1,2,4-Trichlorobenzene
 Concen: 20.367 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018609.D
 Acq: 25 Sep 2020 20:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	135222		
182	95.1	77.1	115.7	
145	30.8	25.0	37.6	

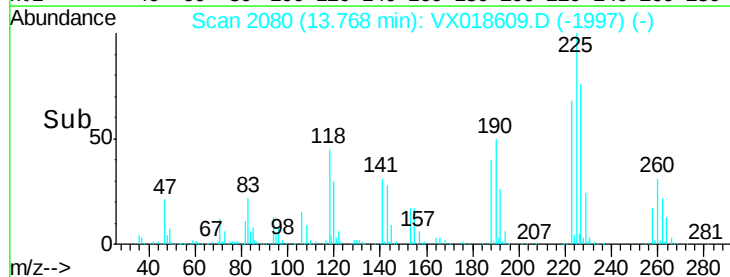
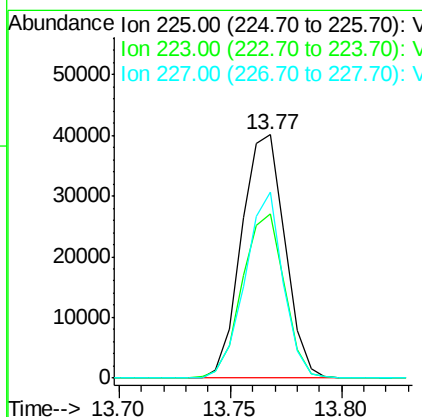
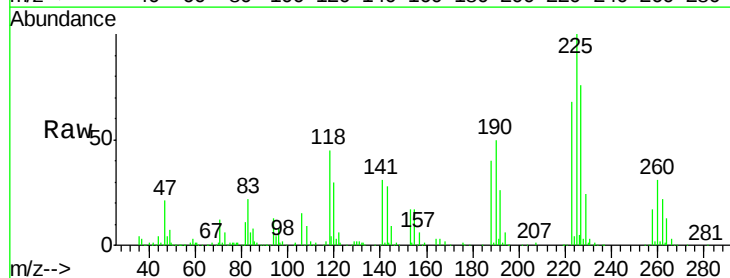
Manual Integrations
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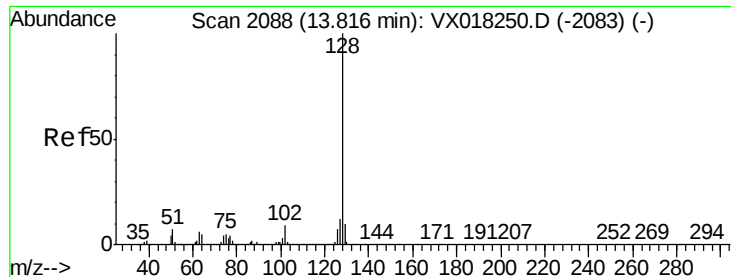
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#90
 Hexachlorobutadiene
 Concen: 19.409 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX018609.D
 Acq: 25 Sep 2020 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	54507		
223	65.6	0.0	115.8	
227	67.2	0.0	117.0	





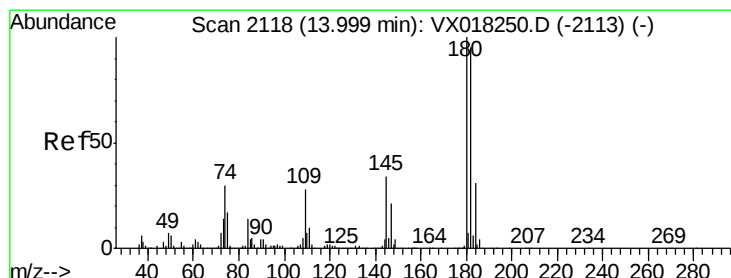
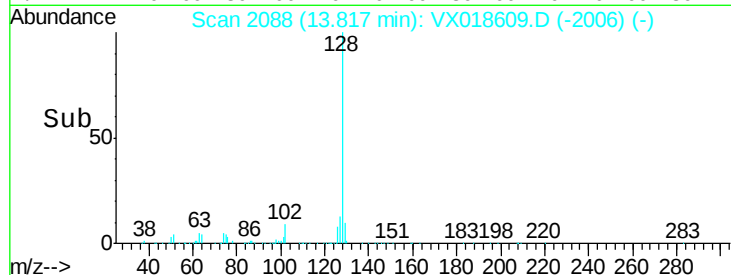
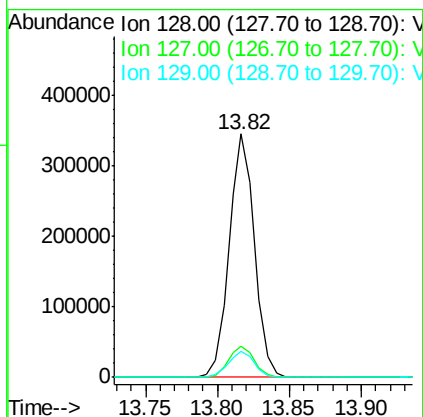
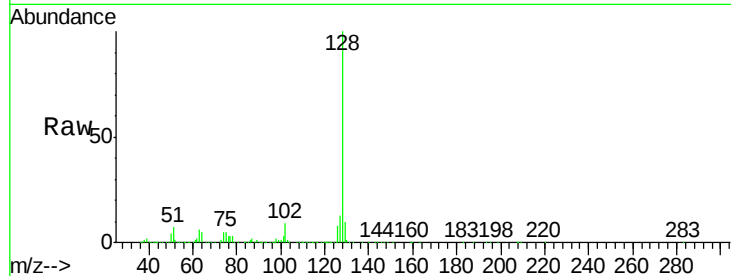
#91
Naphthalene
Concen: 20.512 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX018609.D
Acq: 25 Sep 2020 20:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:	128	Resp:	425022
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.2	15.4
129	10.9	8.7	13.1

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#92
1,2,3-Trichlorobenzene
Concen: 20.676 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX018609.D
Acq: 25 Sep 2020 20:24

Tgt Ion:	180	Resp:	135801
Ion Ratio	Lower	Upper	
180	100		
182	93.2	0.0	191.6
145	32.1	0.0	67.4

